

File 275:Gale Group Computer DB(TM) 1983-2005/Jul 29
 (c) 2005 The Gale Group
 File 47:Gale Group Magazine DB(TM) 1959-2005/Jul 29
 (c) 2005 The Gale group
 File 621:Gale Group New Prod.Annou.(R) 1985-2005/Jul 29
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 File 636:Gale Group Newsletter DB(TM) 1987-2005/Jul 28
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 File 16:Gale Group PROMT(R) 1990-2005/Jul 28
 (c) 2005 The Gale Group
 File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
 File 148:Gale Group Trade & Industry DB 1976-2005/Jul 29
 (c)2005 The Gale Group
 File 624:McGraw-Hill Publications 1985-2005/Jul 29
 (c) 2005 McGraw-Hill Co. Inc
 File 98:General Sci Abs/Full-Text 1984-2004/Dec
 (c) 2005 The HW Wilson Co.
 File 553:Wilson Bus. Abs. FullText 1982-2004/Dec
 (c) 2005 The HW Wilson Co
 File 88:Gale Group Business A.R.T.S. 1976-2005/Jul 28
 (c) 2005 The Gale Group
 File 15:ABI/Inform(R) 1971-2005/Jul 29
 (c) 2005 ProQuest Info&Learning
 File 635:Business Dateline(R) 1985-2005/Jul 29
 (c) 2005 ProQuest Info&Learning
 File 9:Business & Industry(R) Jul/1994-2005/Jul 28
 (c) 2005 The Gale Group
 File 810:Business Wire 1986-1999/Feb 28
 (c) 1999 Business Wire
 File 647:CMP Computer Fulltext 1988-2005/Jul W2
 (c) 2005 CMP Media, LLC
 File 674:Computer News Fulltext 1989-2005/Jul W4
 (c) 2005 IDG Communications
 File 696:DIALOG Telecom. Newsletters 1995-2005/Jul 28
 (c) 2005 The Dialog Corp.
 File 369:New Scientist 1994-2005/May W4
 (c) 2005 Reed Business Information Ltd.
 File 813:PR Newswire 1987-1999/Apr 30
 (c) 1999 PR Newswire Association Inc
 File 634:San Jose Mercury Jun 1985-2005/Jul 27
 (c) 2005 San Jose Mercury News
 File 370:Science 1996-1999/Jul W3
 (c) 1999 AAAS
 File 20:Dialog Global Reporter 1997-2005/Jul 29
 (c) 2005 The Dialog Corp.
 File 613:PR Newswire 1999-2005/Jul 29
 (c) 2005 PR Newswire Association Inc
 File 610:Business Wire 1999-2005/Jul 29
 (c) 2005 Business Wire.

Set	Items	Description
S1	11187	(CD OR COMPACT()) (DISK OR DISC) OR PRODUCT) (1W) KEY? ? OR CERTIFICATE() NUMBER? ?
S2	58022	(APPLICATION OR SOFTWARE OR PROGRAM OR INSTALLATION) (1W) (CODE OR ID OR IDENTIFICATION OR IDENTIFIER)
S3	723044	(STOR??? OR SAV??? OR MAINTAIN??? OR KEEP??? OR KEPT) (7N) (KEY OR NUMBER OR CODE OR ID OR IDENTIFICATION OR IDENTIFIER)
S4	278464	(REINSTALL? OR RECOVER??? OR RESTOR? OR INSTALL?) (7N) (APPLICATION? ? OF SOFTWARE OR PROGRAM? ? OR FILE? ?)
S5	20549	(ORIGINAL OR FACTORY OR DEFAULT OR MANUFACTURER OR BEGINNING) (2W) (SETTINGS OR CONFIGURATION OR PROFILE)
S6	1448	CLEAN(1W) INSTALL?
S7	986700	(ENTER??? OR ENTRY OR INPUT??? OR INSERT??? OR FILL??? OR PUT? ? OR PUTTING OR TYP??? OR PLUG????) (10N) (KEY OR NUMBER OR

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CODE OR ID OR IDENTIFICATION OR IDENTIFIER)
S8      151045    CMOS
S9      626502    (REINSTALL? OR RECOVER??? OR RESTOR? OR INSTALL?) (7N) (APPL-
            ICATION? ? OR SOFTWARE)
S10     341540    UPGRAD??? (7N) (APPLICATION? ? OR SOFTWARE OR PROGRAM? ? OR -
            FILE? ?)
S11      13      S1:S2 (50N) S3 (50N) (S4:S6 OR S9 OR S10) (50N) S7
S12      10      RD (unique items)
S13     33297     (ENCRYPTION??? OR ENCIPHER??? OR CIPHER???) (3N) KEY? ?
S14     253743    (STOR??? OR SAV??? OR MAINTAIN??? OR KEEP??? OR KEPT) (7N) K-
            EY
S15     238937    (ENTER??? OR ENTRY OR INPUT??? OR INSERT??? OR FILL??? OR -
            PUT? ? OR PUTTING OR TYP??? OR PLUG???) (10N) KEY
S16      17      S13 (50N) S14 (50N) (S4:S6 OR S9 OR S10) (50N) S15
S17      10      RD (unique items)
S18      17      S8 (10N) S13
S19       6      RD (unique items)
S20       0      S1 (10N) S8
S21       0      S1 (20N) S8
S22      23      S2 (20N) S8
S23      19      RD (unique items)
S24     207      S1 (50N) (S4:S6 OR S9 OR S10)
S25     11111     S7 (5N) (AUTOMATIC? OR TRANSPARENT? OR DYNAMIC?)
S26       5      S1 (100N) (S4:S6 OR S9 OR S10) (100N) S25
S27       2      RD (unique items)
S28     21634     LICENSE (1W) KEY? ?
S29     235116    (REINSTALL? OR RECOVER??? OR RESTOR? OR INSTALL? OR UPGRAD-
            ???) (7N) (OS OR OPERATING() SYSTEM? ? OR WINDOWS OR OS() X OR SY-
            STEM() (7 OR 8 OR 9))
S30      16      (S1:S2 OR S28) (50N) S3 (50N) (S4:S6 OR S9 OR S10 OR S29) (50N) -
            S7
S31      11      RD (unique items)
S32       1      S31 NOT S12
S33     201      (S1 OR S28) (100N) S7 (100N) (S4:S6 OR S9 OR S10 OR S29)
S34     138      (S1 OR S28) (50N) S7 (50N) (S4:S6 OR S9 OR S10 OR S29)
S35      76      RD (unique items)
S36      32      S35 NOT PY=2001:2005

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12/3,K/1 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

01255842 SUPPLIER NUMBER: 07053131 (USE FORMAT 7 OR 9 FOR FULL TEXT)
O'Hanlon Database Solution. (Software Review) (one of 20 LAN database
management system evaluations) (evaluation)
Falkner, Mike
PC Magazine, v7, n19, p268(2)
Nov 15, 1988
DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 557 LINE COUNT: 00042

... and attach data elements to it. From here the program can
automatically generate and compile **program code** to create a simple
entry screen and accept data. You can create reports much as you do
screens, but you must create your own **program code** to print the report.
In addition to the various MP/M and other non-DOS...

...standard DOS 3.1 network calls. To initiate the networking function, you
run UNISSETUP, an **installation program**, and change the **default**
settings from single user to your network environment. Otherwise O'Hanlon
locks all files as if...
...the file until you close it or execute an UNLOCK FILE command. The
program also **keeps** track of the **number** of users that have the file
open. However, if the system fails without an orderly...

12/3,K/2 (Item 2 from file: 275)
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01207810 SUPPLIER NUMBER: 06168390 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Managing more memory. (Ideas and Trends)
Rosenthal, Steve
Lotus, v3, n10, p14(2)
Oct. 1987
ISSN: 8756-7334 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 1419 LINE COUNT: 00111

... unimportant. If you buy a memory board designed to the LIM-EMS
Version 4 standard, **install** the EMS driver **program** into your startup
files, and run EMS-compatible programs, you can access up to 32 megabytes
of additional memory...

...use that additional space to store data or, with the latest version of
EMS, to **store program code**. (Briefly, for the technically inclined,
the EMS Version 4 method uses output ports to tell...

...a dozen changes made to EMS Version 3.2. Other improvements include the
ability to **store program code** as well as data in expanded memory, an
increase in the maximum size of expanded...

...utilities. Now applications can leave small access modules within the
more limited conventional memory but **put** the bulk of their **code** in
expanded memory. With up to 32 megabytes available, users will no longer
have to...

12/3,K/3 (Item 1 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2005 The Gale group. All rts. reserv.

02811466 SUPPLIER NUMBER: 04181598 (USE FORMAT 7 OR 9 FOR FULL TEXT)
dBASE III Plus: power and much more speed. (evaluation)

Hart, Glenn
PC Magazine, v5, p38(1)
March 25, 1986
DOCUMENT TYPE: evaluation LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 754 LINE COUNT: 00059.

... field definitions to a data file. The painter produces both a special screen file and **program code**, so that, like many third-party programs, it can be used as a **code** generator. dBASE III Plus now allows multiple **input** screens.

dBASE's previous report generators were so weak that many users had to learn...

...the move from dBASE II to dBASE III). In the new language, interactive debugging of **program code** is greatly improved with options to **store** a History of executed commands and a Suspend/Resume system to examine and change variables...

...station.

Ashton-Tate chose to continue copy protection on the new version (using SuperLok). The **program** disk and its backup can each be **installed** once on a hard disk; it can be uninstalled if needed.

Ashton-Tate has said...

12/3,K/4 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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0018005840 SUPPLIER NUMBER: 130276070 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Environmentally responsible pest management: safer and more targeted ways than wholesale spraying are available. (EcoSensitive Pest Prevention program)

Eicher, Eric

Nursing Homes, 54, 2, 41(1)

Feb, 2005

ISSN: 1061-4753

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 918

LINE COUNT: 00078

The use of technology such as bar **code** monitoring can also play an important role in this **type** of **program**. Bar **code** devices are being used by the more progressive firms to track pesticide placement and use...

...pest problem is pinpointed for corrective action, eliminating overuse of pesticides.

In my company's **program**, each monitoring device or bait station installed at a site is outfitted with a bar code. A handheld device loaded with special...

...a laser at one end of the device (similar to the scanner at a grocery store checkout). This bar **code** contains data about the monitoring unit's location in the facility. Then, using the unit...

12/3,K/5 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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08112002 SUPPLIER NUMBER: 17353731 (USE FORMAT 7 OR 9 FOR FULL TEXT)

The year 2000 date crisis.

Schick, Kevin

Government Finance Review, v11, n4, p32(2)

August, 1995

ISSN: 0883-7856

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1749

LINE COUNT: 00149

... the related previous high costs of storing information. In the 1960s, the dominant method of **entering** data into a computer-based system was the 80-column, **key** -punched card, a 72-character card with eight characters reserved for control information. The card...

...two bytes per date was achieved. At the time, the approach was a tremendous cost **saver**.

The problem then spread into **application code** because applications are designed based on data, and the data were stored without the two...

...data were not always modified to include the century, and due to the costs the **applications** were rarely modified or **upgraded**. The emphasis was on moving the data to a more responsive storage management system, not ...

12/3,K/6 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv..

07580697 SUPPLIER NUMBER: 15844201 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Client/server, but not UNIX: Nordstrom opts for Windows NT. (includes related article on KMart's client/server platform also based on Microsoft Windows NT)
Chain Store Age Executive with Shopping Center Age, v70, n10, p56(2)
Oct, 1994
ISSN: 0193-1199 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 784 LINE COUNT: 00064

... N. Nordstrom, John A. McMillan
Sales: \$3.6 billion (1993)
Profits: \$140.4 million (1993)
Type of stores: Fashion specialty department **stores**
Number and size of stores: 52 fullline **stores**, 17 clearance stores, average size is 125,000 sq. ft.
Areas of operation: Primarily West...

...as key to its effort to associate its name with enterprisewide computing.

With much-publicized **upgrades** of both Windows desktop **software** (code -named "Chicago") and Windows NT **software** (code -named "Daytona") in the works, Microsoft is vigorously promoting the idea of "Windows across the...

12/3,K/7 (Item 4 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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04107771 SUPPLIER NUMBER: 07938959 (USE FORMAT 7 OR 9 FOR FULL TEXT)
New approach to software upgrading. (Software Review)
Reid, Gregory F.; Dahlberg, Charles W.
National Underwriter Property & Casualty Risk-Benefits Management, n35, p9(3)
August 28, 1989
ISSN: 1042-6841 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 818 LINE COUNT: 00070

... a third party for updates and maintenance and not having a tailored solution.

A third **software upgrade** alternative involves the use of **software** reengineering and offers an innovative approach to the development dilemma.

Reengineering is the revitalization of...

...good estimate of costs.

As to parameter setting, software reengineering programs rearrange existing blocks of **application code** to conform to commonly accepted structured programming constructs without changing functionality.

The programs can operate...

...environment.

Benefits from software reengineering accrue in the areas of maintenance and development.

The reengineered **code** is much easier to **maintain** both in terms of time and skill level needed. New programmers with structured programming training...

...follow and enhance, providing the company with a more responsive information system in terms of **program code** and programmers.

When reengineered programs are used, all current **inputs** and outputs stay the same. The only ones that change are those where new features...

...change. Such consistency eliminates the need for conversions necessary when systems are rewritten or packaged **software** is **installed**.

Since the development process is shortened, less time, people and hardware resources are needed.

When **programs** are rewritten or packages **installed**, the existing code is completely discarded. The existing code often has a substantial historical cost...

12/3,K/8 (Item 1 from file: 15)
DIALOG(R) File 15:ABI/Inform(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

00961497 96-10890

Client server architectures

Eckerson, Wayne

Network World v12n2 PP: SS18-SS21+ Jan 9, 1995

ISSN: 0887-7661 JRNL CODE: NWW

WORD COUNT: 2577

...TEXT: into hundreds of thousands of dollars in capital expenditures.

It is also difficult to maintain, **upgrade** or replace applications that are distributed across tens or hundreds of desktops. In most cases...

...can take weeks or months. Moreover, it is difficult to maintain consistency and security when **application code** is distributed.

Finally, the fat client approach requires companies to install high-bandwidth networks to...This improves application response times and allows companies to deploy new applications without having to **upgrade** networks.

A disadvantage is servers will run out of capacity as **applications** grow, forcing companies to replace or **upgrade** the machines. It also does not take advantage of the processing power on user desktops...

...tools, such as Texas Instrument's Integrated Engineering Facility, give developers the ability to split **application code** between client and servers using this model. This approach gives developers more flexibility to customize...

...example, it allows developers of fat server applications to off-load processing from servers but **maintain** the bulk of **application code** in a central location. An order-entry application might store business rules on the server...

...to improve application performance. This is the reason behind the current popularity of stored procedures.

Stored procedures are precompiled pieces of application code, such as SQL queries, that reside on database management systems. Client applications can activate the...

12/3,K/9 (Item 1 from file: 810)
DIALOG(R)File 810:Business Wire
(c) 1999 Business Wire. All rts. reserv.

0972950 BW0242

CA CALIF NEV CODE ADMIN: 661 Area Code Begins Service on Feb. 13; New Area Code, California's 24th, Splits off from 805

February 02, 1999

Byline: Business Editors

...codes using seven-digit dialing. After the permissive dialing period customers will have to use 1 + 10-digit dialing (1 + area code + seven-digit telephone number) to call between area codes.

The 661 area code is being created through a geographic split of the 805 area code approved by the California Public Utilities Commission (CPUC) in November 1997. The details of the area code split are as follows:

- The 805 area code will continue to serve the vast majority of San Luis Obispo, Santa Barbara and Ventura counties and very small portions of Fresno, Kings and Monterey counties. Some...
...Ojai, Oxnard,
Pismo Beach, Santa Maria, Santa Paula, Thousand Oaks and Ventura.
- The new 661 area code will serve most of Kern County, the northern portion of Los Angeles County and very...

...to use the new 661 area code will receive a recorded message reminding them that the area code has changed, and they will be required to redial using the proper area code. The...

12/3,K/10 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2005 The Dialog Corp. All rts. reserv.

25769539 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Technology - Risky business?

ACCOUNTANCY AGE, p8

October 31, 2002

JOURNAL CODE: WACA LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 327

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... talked about at some point it is often overlooked after a new rollout is physically installed.

Dave Anstey, technical director at accounting software company SquareSum, agrees Escrow is often overlooked, and believes the IT department is usually the...

... has an Escrow agreement which means it has to lodge its software with NCC. Application software source code is then put on a CD, stored and updated at least once a year. Cotton says SMEs are more than happy to

17/3,K/1 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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02074073 SUPPLIER NUMBER: 19516596 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Keep your notebook data secure with Session Key. (Secured Communications
Canada Session Key PC Card security device) (Hardware Review) (Evaluation)
Brown, Bruce
Computer Shopper, v17, n7, p246(1)
July, 1997
DOCUMENT TYPE: Evaluation ISSN: 0886-0556 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 530 LINE COUNT: 00044

... the \$349-direct Session Key from Secured Communications Canada uses encryption software with a hardware **key stored** on a Type II PC Card. Session **Key** runs under any Windows environment or under DOS 5.0 or later. Most other encryption...

...unreadable to users who don't have both the card and the password. If you **keep** your Session **Key** PC Card with you, no one will have a chance to decrypt your encrypted files...

...multiple users. Individual files, separate nonbootable disks, and e-mail can be encrypted.

Keys are **stored** on your Session **Key** PC Card, but can be transferred to other Session Key PC Cards. To send encrypted e-mail to someone, you use an **encryption key** that matches one that the recipient has on a separate Session Key card. You must...

...the password that can be used to read the message. technologies, and a removable, hardware- **key storage** device, Session **Key** secures your data against all foreseeable theft. The encryption methods used include symmetric DES-ECB...

...quick encryption and decryption, and encryption-programming Cryptoki firmware.

Session Key includes two easy-to- **install programs** . The first **program** , Session Key Configuration, is used to assign user names, passwords, and access privileges, and to...

17/3,K/2 (Item 2 from file: 275)
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02068314 SUPPLIER NUMBER: 19453733 (USE FORMAT 7 OR 9 FOR FULL TEXT)
IBM Key recovery kit goes to beta. (SecureWay Key Management Framework
Toolkit security software development kit) (Product Development) (Brief
Article)
Moeller, Michael
PC Week, v14, n21, p6(1)
May 26, 1997
DOCUMENT TYPE: Brief Article ISSN: 0740-1604 LANGUAGE: English
RECORD TYPE: Fulltext
WORD COUNT: 423 LINE COUNT: 00034

IBM's SecureWay Key Management Framework Toolkit enables ISVs to embed **key recovery** into their **applications** . The final version of the tool kit, for AIX, Windows 95 and Windows NT, is...

...The Armonk, N.Y., company is planning to use the security technology within its own **software applications** , which are due by 1998. **Key recovery** records the information used to secure E-mail messages

or establish an encrypted session on the Web. It also provides a means to **store** the data necessary to rebuild the key and open the encrypted message in the event...

...fall into the wrong hands, IBM's recovery technology breaks the key into chunks and **stores** it in separate locations or with separate people. The only way a message can be...

...recovery with the tool kit, ISVs are given a set of APIs that connect their **application** to the Framework, which includes **key recovery** and encryption technology, sockets and APIs to **plug** in other encryption technologies.

The IBM software development kit is one of the first tool kits that give **software** vendors the ability to embed **key recovery** capabilities.

For one user, the ability to get at encrypted files if an employee is

...Department of Commerce and the Clinton administration announced plans to require the use of **key recovery** by ISVs if they wanted to export **software** that uses encryption that exceeds the 40-bit limit.

Earlier this month, the House Judiciary...

17/3,K/3 (Item 3 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
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02054479 SUPPLIER NUMBER: 19167852 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Burn it. (Synchronys Softcorp Burn It 1.0 tool for obliterating sensitive documents) (Software Review) (Brief Article) (Evaluation)

Steinberg, Gene

Macworld, v14, n4, p69(1)

April, 1997

DOCUMENT TYPE: Brief Article Evaluation ISSN: 0741-8647

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 525 LINE COUNT: 00044

... isn't enough to destroy a sensitive document--you can still retrieve trashed documents with **file - recovery programs** until you overwrite them with another **file**. If you want the Mac's equivalent of a paper shredder, you need something more...

...It fits the bill--for this specific task.

Burn It erases sensitive documents so that **file - recovery** utilities such as Norton Utilities can't find them. A bundled utility, KeyDisk, purports to...

...A user-selected animated icon appears when documents are wiped from your drive (see "Your **File** Will Self-Destruct . . . "). I was unable to **recover** any documents destroyed with this **program**.

Burn It's bundled utilities are another story. Using KeyDisk, you create a password for an encrypted document, or have an **encryption key** recorded on a floppy disk, which you insert to unlock the file. Although documents...

...withstand an attack by a professional hacker, emphasizing that the Key Diskette feature --where the **encryption key** is **stored** on a separate floppy--provides a greater level of protection, and that future versions of

...buy a more sophisticated security package.

RATING: Three Stars/6.0

PROS: Low cost; easy **installation**. CONS: Unsophisticated **file** protection; **file** -hiding features easy to bypass.

COMPANY: Synchronys Softcorp (213/340-4100, <http://www.synchronys.com>...

17/3,K/4 (Item 1 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
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04081326 SUPPLIER NUMBER: 15607916 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Protecting the privacy of your computer files.
Dunnington, Bruce
Whole Earth Review, n83, p34(1)
Summer, 1994
DOCUMENT TYPE: Evaluation ISSN: 0749-5056 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 946 LINE COUNT: 00073

... 2" floppy disk but which contains a battery-powered computer with a built-in encryption **program**. With this encryption disk you get an **installation** disk. Just slide it into your computer, follow the simple instructions that appear on the screen, and **enter** a password. A unique **encryption** key is generated. It is an absurdly long string of digits, but you don't see...

...and insert the encryption disk. In a few minutes your files are encrypted and the **key** is **stored** on both disks.

Remove the disk and use your computer normally. When you shut down, you extinguish the **encryption** **key**. Each time you boot your computer, **insert** the encryption disk and enter your password. If you forget your password, or lose your disk, use the installation disk to remove the encryption so you can access your **files**. Guard the **installation** disk well!

With **software**-based methods where the decryption key resides on the computer, it is possible to bypass...

17/3,K/5 (Item 1 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
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01553533 Supplier Number: 47857915 (USE FORMAT 7 FOR FULLTEXT)
TIS Ships "Total Solution" For User Controlled Encryption Key Recovery.
Business Wire, p7251232
July 25, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 990

... pairs are not used to generate recovery information and KRCs do not routinely receive or **store** key recovery fields. When not performing a user controlled recovery, the KRC "sleeps," active only...

...that a session key recovery be made.

The RecoverKey Toolkit is the backbone for developing **applications** that support key **recovery**. The toolkit allows a crypto engine to generate a "key **recovery** field" for a message or **file** as an integral part of the encryption process. The hidden "spare key" stays securely locked...

...to a user-selected key recovery center. Users maintain control of their keys and their **files**. If **recovery** is needed, the key **recovery** center is sent only the key recovery field, not the encrypted data. Already licensed by IBM (NYSE: IBM), Atalla Corporation (A Tandem Company) and FTP Software, Inc. (NASDAQ: FTPS), the **RecoverKey** Toolkit enables key recovery capability to be built within user **applications**.

The **RecoverKey** CSP is the powerful crypto engine that enables easy "point-and-click" cryptography with encryption key **recovery** for Windows 95 and Windows NT **applications**. Querisoft recently integrated its

SecureFile(TM) software with the RecoverKey CSP to bring users strong cryptography at the desktop with the assurance that their encrypted...

17/3,K/6 (Item 2 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
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01157682 Supplier Number: 41932126 (USE FORMAT 7 FOR FULLTEXT)
EMERITUS TECHNOLOGIES ANNOUNCES TAPEWARE (R) 3.0 LAN ARCHIVAL SOFTWARE
News Release, p1
March 14, 1991
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 726

... network.

Media compatibility is maintained by allowing a user to back up a network and **restore files** to OS/2 and DOS systems. Conversely an OS/2 or DOS tape may be...

...across the network at the computer workstation where it is found.

Network users may optionally **enter an encryption key** for their own data. After data is backed up, it can only be restored by someone who knows the **key**.

Tape data integrity is **maintained** with TapeWare 3.0's AUTOVERIFY feature. When enabled, AUTOVERIFY will automatically verify all data
...

17/3,K/7 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
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05464349 Supplier Number: 48282195 (USE FORMAT 7 FOR FULLTEXT)
Connected moves seamless backup service in-house
Avery, Mike
InfoWorld, pD50
Feb 9, 1998
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 849

... all companies there is a trade-off between respecting employees' privacy and protecting corporate assets. **Key Escrow** is a good example of the level of security **put** into this product. All data COB sends to the server is encrypted, and it remains encrypted on the server. Only someone with the **encryption key** can decrypt the **stored** data.

Putting a **key** in escrow accomplishes three things: Users can ask the system administrator what the key was...

17/3,K/8 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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00665091 93-14312
Data guardians
Schneier, Bruce

Macworld v10n2 PP: 144-151 Feb 1993
ISSN: 0741-8647 JRNL CODE: MAW
WORD COUNT: 3701

...TEXT: with the fastest DES in the business, is also the only program with automatic DES **encryption** whose **key** -management scheme I couldn't break. usrEZ managed to hide its DES key extremely well...

...The manually operated key-management schemes are the most secure. Some programs force you to **enter** your **key** every time you want to encrypt and decrypt a file. This is more work than...

...that handles it all for you automatically, but manual encryption is more secure because the **key** is never **stored** in the computer. The manual encryption modes of Camouflage, Norton Utilities, Citadel with Shredder, MacSafe...

...file, the Mac deletes only the file name from the directory; many Mac utilities can **recover** the deleted tile. To erase a **file** so this software cannot read it, you have to overwrite all the bits on the...

17/3,K/9 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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00367442 87-26276

Microcomputer Security: Product Face-Off -- Encryption Packages Offer Business Users a Choice

Highland, Harold Joseph
Computerworld v21n28 PP: S5 Jul 13, 1987
ISSN: 0010-4841 JRNL CODE: COW

...ABSTRACT: a security administrator can decipher an encrypted program or data file without knowing the original **key**. Two **encryption** algorithms are available, and multiple encryption is possible. The prime feature of Mailsafe from RSA Data Security Inc. is message authentication. It uses 3 programs : 1. **Install**, to prepare the disk with a password, 2. **Keygen**, to produce a password-protected private...

...3. **Mailsafe**, the application part. **Secretdisk** from Lattice Inc. does not require the user to **enter** an **encryption key**, thus providing transparent **encryption**. All data **stored** on the disk is encrypted and is available through use of a password.

17/3,K/10 (Item 1 from file: 647)
DIALOG(R)File 647:CMP Computer Fulltext
(c) 2005 CMP Media, LLC. All rts. reserv.

00547936 CMP ACCESSION NUMBER: WIN19930701S6296

Tales from the Encrypt

David Mehtvin
WINDOWS MAGAZINE, 1993, n 407 , 168
PUBLICATION DATE: 930701
JOURNAL CODE: WIN LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: reviwers' notebook
WORD COUNT: 337

... disk when you delete it; this ensures that a snooper can't use an unerase **program** to **recover** the unencrypted original **file**.

Instead of a password that you **type**, InfoSafe's archives are encrypted using a **key** file. The company provides a different key file with each copy of the program, and you can also create your own. **Key**

files are theoretically better than typed -in passwords because they are longer and harder to guess, but you can't keep a 200-character key file in your head like you can a password. In fact, it's probably best to keep the key file on a diskette and lock it away when you don't need it.

If you want to send an InfoSafe archive to someone, they will need your encryption key file. The package includes a version of the program that you can freely distribute that...

19/9/4 (Item 4 from file: 621)
DIALOG(R) File 621:Gale Group New Prod.Annou.(R)
(c) 2005 The Gale Group. All rts. reserv.

01120027 Supplier Number: 40917362 (THIS IS THE FULLTEXT)
**safeMatic Security Module Protects Electronic Data from Viruses and
Tampering**

News Release, p1
August 31, 1989
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 547

TEXT:

GN Telematic
46 Manning Road
Billerica, MA 01821, U.S.A.
Telephone: (617) 667-8644
Telefax: (617) 667-8260

Contact: Poul Hebsgaard (508) 667-8644

**safeMatic Security Module Protects Electronic Data from Viruses and
Tampering**

Billerica, MA -- The safeMatic Security Module from GN Telematic Inc., offers what may well be the most secure, complete solution to an increasing need for a full-featured data protection device. The safeMatic (available with or without an integrated PIN keypad) combines standard DES encryption (X3.92) and message authentication (X9.9) capabilities in a single package. safeMatic's DES key management scheme includes a key hierarchy that allows for up to 512 Working Keys for DES encryption/ decryption and MAC calculation. The module can generate random numbers internally to define new working keys.

Weighing less than two pounds, this compact, totally sealed unit contains the DES **encryption keys**. The **keys** are stored in **CMOS RAM** with eight **encryption keys** immediately in the event of tampering -- a unique feature of the product.

The safeMatic is a peripheral product that connects to any computer system that has an RS232-C or RS422 interface. It has its own power supply and does not occupy and option slot in the workstation chassis. It has less than a 4" by .7" footprint and is an inch and a half high, thus fitting easily with existing equipment.

In addition to DES and MAC functions, the safeMatic also generates and stores data internally for auditing and system surveillance. Each encryption transaction updates a set of counters. A corresponding set of counters can also be updated at another location and synchronized to check for integrity on a per transaction or ad hoc basis.

safeMatic is a security "tool box" rather than a plug and play product. It operates under program contrl. The protocol denfinitions for communicating with safeMatic are included in a reference manual that comes with the product.

GN Telematic intends to market safeMatic products to the growing number of companies using communications networks for EDI (Electronic Data Interchange) and funds transfer, as well as any companies that need to protect databases from unauthorized access, software viruses, and line tampering. Poul Hebsgaard, President of GN Telematic's American subsidiary and one of safeMatic's designers, says that this

is not just another security product. "Just because you have a product that does DES encryption does not ensure data security. Data security is determined by the way you manage DES keys. This means how the keys are generated, distributed, stored, protected, and ultimately destroyed or replaced. We have the highest level of physical and logical security anywhere." GNT's product adheres to de facto DES key management schemes, like ATALLA's, as well as the ANSI X9.17 standard. GNT will also implement customized DES key management schemes. The product can be customized prior to shipment.

safeMatic security modules have earned ANSI 9.9 certification by the National Institute of Standards and Technology (formerly NBS) and are also certified in Europe by the National Security Laboratory in London and TNO in Holland. To date, there are more than 14,000 safeMatic modules installed worldwide. GN Telematic is pricing the products to compete with other encryption products in the U.S. that provide fewer features and less security. safeMatic products are available now for volume shipments in the U.S.

File 8: Ei Compendex(R) 1970-2005/Jul W3
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File 35: Dissertation Abs Online 1861-2005/Jul
(c) 2005 ProQuest Info&Learning
File 65: Inside Conferences 1993-2005/Jul W4
(c) 2005 BLDSC all rts. reserv.
File 2: INSPEC 1969-2005/Jul W3
(c) 2005 Institution of Electrical Engineers
File 94: JICST-EPlus 1985-2005/Jun W1
(c) 2005 Japan Science and Tech Corp (JST)
File 6: NTIS 1964-2005/Jul W3
(c) 2005 NTIS, Intl Cpyrght All Rights Res
File 144: Pascal 1973-2005/Jul W3
(c) 2005 INIST/CNRS
File 434: SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
File 34: SciSearch(R) Cited Ref Sci 1990-2005/Jul W4
(c) 2005 Inst for Sci Info
File 99: Wilson Appl. Sci & Tech Abs 1983-2005/Jun
(c) 2005 The HW Wilson Co.
File 266: FEDRIP 2005/Jun
Comp & dist by NTIS, Intl Copyright All Rights Res
File 95: TEME-Technology & Management 1989-2005/Jun W3
(c) 2005 FIZ TECHNIK
File 583: Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group
File 438: Library Lit. & Info. Science 1984-2005/Jun
(c) 2005 The HW Wilson Co
File 256: TecInfoSource 82-2005/Jun
(c) 2005 Info.Sources Inc

Items	Description
S1	1111 (CD OR COMPACT()) (DISK OR DISC) OR PRODUCT OR LICENSE) (1W) K- EY? ? OR CERTIFICATE() NUMBER? ?
S2	54328 (STOR??? OR SAV??? OR MAINTAIN??? OR KEEP??? OR KEPT) (7N) (- KEY OR NUMBER OR CODE OR ID OR IDENTIFICATION OR IDENTIFIER)
S3	74422 (REINSTALL? OR RECOVER??? OR RESTOR? OR INSTALL? OR UPGRAD- ???) (7N) (APPLICATION? ? OR SOFTWARE OR PROGRAM? ? OR FILE? ? - OR OS OR OPERATING() SYSTEM? ? OR WINDOWS OR OS() X OR SYSTEM() - (7 OR 8 OR 9))
S4	2227 (ORIGINAL OR FACTORY OR DEFAULT OR MANUFACTURER OR BEGINNI- NG) (2W) (SETTINGS OR CONFIGURATION OR PROFILE)
S5	66 CLEAN(1W) INSTALL?
S6	210821 (ENTER??? OR ENTRY OR INPUT??? OR INSERT??? OR FILL??? OR - PUT? ? OR PUTTING OR TYP??? OR PLUG????) (10N) (KEY OR NUMBER OR CODE OR ID OR IDENTIFICATION OR IDENTIFIER)
S7	3438 S6(5N) (AUTOMATIC? OR TRANSPARENT? OR DYNAMIC?)
S8	179543 CMOS
S9	0 S1 AND S2 AND S3: S5 AND S6
S10	10 S1 AND S3: S5
S11	2 S1(20N) S8
S12	838 KEY? ? (10N) CMOS
S13	4398 (STOR??? OR SAV???) (5N) KEY? ?
S14	6 S13(7N) S8
S15	0 S1 AND S7
S16	18 S10: S11 OR S14
S17	14 RD (unique items)

17/5/1 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
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06533297 E.I. No: EIP03397644898

Title: Implementation and low speed test of ultra-fast interface circuits for Josephson-CMOS hybrid memories

Author: Fujiwara, K.; Miyakawa, H.; Yoshikawa, N.; Feng, Y.; Whiteley, S.R.; Van Duzer, T.

Corporate Source: Department of Electrical Engineering Yokohama National University, Yokohama 240-8501, Japan

Conference Title: Proceedings of the 15th International Symposium on Superconduct

Conference Location: Yokohama, Japan **Conference Date:** 20021111-20021113

E.I. Conference No.: 61476

Source: Physica C: Superconductivity and its Applications v 392-396 II n
SUPL. October 2003. p 1467-1471

Publication Year: 2003

CODEN: PHYCE6 **ISSN:** 0921-4534

Language: English

Document Type: CA; (Conference Article) **Treatment:** T; (Theoretical)

Journal Announcement: 0309W5

Abstract: We have been developing Josephson-CMOS hybrid memories where high-density CMOS devices are used as storage cells. One of the key components in the system is the interface circuit, which amplifies the signal from the SFQ circuits into voltage level processible in the CMOS circuits at high-speed. In this paper, we have implemented the ultra-fast interface circuit, which is composed of a Josephson driver and a Josephson-CMOS hybrid amplifier. The propagation delay of the ultra-fast interface circuit is estimated to be about 60 ps assuming a 2.5 kA/cm**2 Nb process and a 0.6 mum CMOS process. A low speed test results of the interface circuit shows that it amplifies the input voltage of 80 muV to 0.9 V. We have also investigated their propagation delay and output voltage swing assuming the spread of the critical current in the Josephson stack. copy 2003 Elsevier B.V. All rights reserved. 6 Refs.

Descriptors: *Josephson junction devices; CMOS integrated circuits; Interfaces (computer); Digital storage; Amplifiers (electronic); Critical currents

Identifiers: Ultra fast interface circuits

Classification Codes:

704.2 (Electric Equipment); 708.3 (Superconducting Materials); 714.2 (Semiconductor Devices & Integrated Circuits); 722.2 (Computer Peripheral Equipment); 722.1 (Data Storage, Equipment & Techniques); 713.1 (Amplifiers); 701.1 (Electricity, Basic Concepts & Phenomena)

704 (Electric Components & Equipment); 708 (Electric & Magnetic Materials); 714 (Electronic Components & Tubes); 722 (Computer Hardware); 713 (Electronic Circuits); 701 (Electricity & Magnetism)

70 (ELECTRICAL ENGINEERING, GENERAL); 71 (ELECTRONICS & COMMUNICATION ENGINEERING); 72 (COMPUTERS & DATA PROCESSING)

17/5/2 (Item 2 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
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06414371 E.I. No: EIP03247506600

Title: Product activation gains ground

Author: Spanbauer, Scott

Source: PC World (San Francisco, CA) v 21 n 6 June 2003. p 36

Publication Year: 2003

CODEN: PCWDDV **ISSN:** 0737-8939

Language: English

Document Type: JA; (Journal Article) **Treatment:** G; (General Review)

Journal Announcement: 0306W4

Abstract: A report on the product activation, the antipiracy technology

is presented in the article. Product activation enforces **software** licenses by limiting **installation**, usually to just one computer. It associates the **program**'s unique **product key**, entered during **installation**, with a randomly generated number or a 'fingerprint' of the computer's hardware configuration that is then transmitted to the vendor's server. (Edited abstract)

Descriptors: *Computer software; Computer crime; Random access storage; Servers

Identifiers: Product activation

Classification Codes:

722.1 (Data Storage, Equipment & Techniques)

723 (Computer Software, Data Handling & Applications); 722 (Computer Hardware)

72 (COMPUTERS & DATA PROCESSING)

17/5/3 (Item 3 from file: 8)

DIALOG(R) File 8: Ei Compendex(R)

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04235605 E.I. No: EIP95082835986

Title: Two products key to web software distribution

Author: Trowbridge, Dave

Source: Computer Technology Review v 15 n 7 July 1995. p 10

Publication Year: 1995

CODEN: CTERES ISSN: 0278-9647

Language: English

Document Type: JA; (Journal Article) Treatment: A; (Applications); G; (General Review)

Journal Announcement: 9510W4

Abstract: Many software developers and distributors are eyeing the Internet as a low-cost means of selling software but are dissuaded by two fundamental problems: the necessity of servicing requests for software activation via a phone call and the difficulty of **installing** such **software**. Two products recently surfaced to address these problems. The first is WebKey from the Elan Computer Group Inc (Mountain View, CA), which is intended to automate the process of software distribution via the Web and ensure software developers a fair return on electronically accessed software by keeping track of the issuance of **license keys** and controlling software usage automatically. The second one is the WebApp, which dramatically simplifies the **installation** and execution of the **software** distributed.

Descriptors: *Computer software; Software engineering; Computer networks; Automation; Marketing; User interfaces; Information services; Database systems; Specifications; Information retrieval systems

Identifiers: Software Package WebKey; Software Package WebApp; Internet; Software distribution; Worldwide web

Classification Codes:

722.4 (Digital Computers & Systems); 911.4 (Marketing); 723.5 (Computer Applications); 903.4 (Information Services)

723 (Computer Software); 722 (Computer Hardware); 731 (Automatic Control Principles); 911 (Industrial Economics); 903 (Information Science)

72 (COMPUTERS & DATA PROCESSING); 73 (CONTROL ENGINEERING); 91 (ENGINEERING MANAGEMENT); 90 (GENERAL ENGINEERING)

17/5/4 (Item 1 from file: 2)

DIALOG(R) File 2: INSPEC

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7895404

Title: Desktop-management enlightenment

Author(s): Drews, J.E.

Author Affiliation: CAE Center, Univ. of Wisconsin-Madison, WI, USA

Journal: Network Computing vol.14, no.10 p.89-92
Publisher: CMP Media Inc,
Publication Date: 29 May 2003 Country of Publication: USA
CODEN: NETCF7 ISSN: 1046-4468
SICI: 1046-4468(20030529)14:10L:89:DME;1-C
Material Identity Number: H327-2003-010
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P); Product Review (R)

Abstract: This article is featuring Novell's ZENworks for desktops, which can automate some of a desktop PC management. Version 4 of the tool also works in a pure Microsoft Windows environment. Among the **product's key** features include policy-based management of user accounts, application distribution, hardware and software-based inventory, and workstation imaging. The version's policy-management function lets you apply Windows NT/2000/XP user policies on each local workstation and dynamically create local accounts on the workstations. The application was tested at the University of Wisconsin-Madison's Computer Aided Engineering Center to help manage more than 300 Windows 2000 workstations scattered around various computer labs. The application off-loaded much of the work in workstation management, because it simplified the typical labor-intensive job of **installing applications**.

Subfile: D

Descriptors: distributed object management; distributed processing; microcomputers; network operating systems; operating systems (computers)

Identifiers: desktop-management; Novell; ZENworks; desktop computer; desktop PC management; Microsoft Windows; policy-based management; user accounts; application distribution; hardware-based inventory; software-based inventory; workstation imaging; Windows NT-2000-XP user policies; workstation management

Class Codes: D5020 (Computer networks and intercomputer communications in office automation); D5010 (Computers and work stations for office automation)

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17/5/5 (Item 2 from file: 2)
DIALOG(R) File 2:INSPEC
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5165218 INSPEC Abstract Number: B9603-1265B-019, C9603-5120-007

Title: ECL/CMOS mixed type, multiinterface gate array BiCMOS-8 family

Author(s): Denda, A.; Futatsuka, K.; Fukushima, T.; Sano, S.; Nakahara, S.; Kimura, K.; Yui, N.; Waterai, S.; Kinno, K.; Kawahara, H.

Journal: NEC Technical Journal vol.48, no.3 p.66-70

Publisher: NEC,

Publication Date: March 1995 Country of Publication: Japan

CODEN: NECGEZ ISSN: 0285-4139

SICI: 0285-4139(199503)48:3L:66:CMTM;1-N

Material Identity Number: H719-95009

Language: Japanese Document Type: Journal Paper (JP)

Treatment: Practical (P); Product Review (R)

Abstract: NEC has developed an ECL/CMOS mixed type, multi-interface gate array named BiCMOS-8. The BiCMOS-8 consists of two master slices, mu PD67804 and mu PD67852. The mu PD67804 can integrate 166 k gates and 320 signals simultaneously. On the other hand, the mu PD67852 realized ECL/CMOS mixed array with a level converter area. Each master slice supports ECL-10 KH, LVTTTL and GTL interfaces. Internal ECL circuits achieved a very high toggle frequency of 800 MHz. By using bipolar cells in a CMOS area, TAA=8 ns (256 word*8 bit: max) RAM macro has been obtained. This paper describes the **product** features, **key** technologies and applications of the BiCMOS-8. (1 Refs)

Subfile: B C

Descriptors: application specific integrated circuits; BiCMOS logic circuits; emitter-coupled logic; logic arrays

Identifiers: ECL/CMOS mixed type; multiinterface gate array; BiCMOS-8

family; NEC; master slices; mu PD67804; mu PD67852; level converter;
ECL 10 interface; LVTTL interface; GTL interface; RAM macro; ASIC; 8 ns;
800 MHz

Class Codes: B1265B (Logic circuits); B2570K (Mixed technology integrated
circuits); C5120 (Logic and switching circuits)

Numerical Indexing: time 8.0E-09 s; frequency 8.0E+08 Hz

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17/5/6 (Item 3 from file: 2)

DIALOG(R) File 2:INSPEC

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02589975 INSPEC Abstract Number: B86010892

Title: Dual-system CMOS dialer IC allows fast key input and 10-number
storage

Journal: Asian Sources Electronic Components vol.7, no.3 p.370-87

Publication Date: July 1985 Country of Publication: Hong Kong

CODEN: ASECEM ISSN: 0254-1122

Language: English Document Type: Journal Paper (JP)

Treatment: Applications (A); New Developments (N); Practical (P)

Abstract: The MK5375 is a monolithic IC manufactured using Mostek's
proprietary silicon-gate CMOS process. This circuit provides the necessary
signals for either DTMF or loop disconnect dialing. It also allows for the
storage of 10 telephone numbers including as many as 16 digits each, in
on-chip memory. The MK5375 accepts rapid keypad inputs (up to 25 key
entries per second) and buffers these inputs in the FIFO
(First-In-First-Out) LND (Last Number-Dialed) register. Each digit entry is
accompanied by a pacifier tone, which is activated after the digit has been
debounced, decodes and properly stored. Signaling occurs at a rate
determined by externally connected components, allowing the dialing rate to
be adjusted for any system. (0 Refs)

Subfile: B

Descriptors: CMOS integrated circuits; telephone switching equipment

Identifiers: Si-gate CMOS; dialer IC; MK5375; DTMF; loop disconnect
dialing; telephone numbers; keypad inputs; FIFO; pacifier tone; dialing
rate

Class Codes: B2570D (CMOS integrated circuits); B6230B (Electronic
telephone exchanges)

17/5/7 (Item 1 from file: 94)

DIALOG(R) File 94:JICST-EPlus

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JICST ACCESSION NUMBER: 95A0382142 FILE SEGMENT: JICST-E
Special Issue on Semiconductor Devices. ECL/CMOS Mixed Type, Multiinterface
Gate Array BiCMOS-8 Family.

DENDA AKIRA (1); FUTATSUKA KAZUTSUGU (1); FUKUSHIMA TOSHIHISA (1); SANO
SHIN'ICHI (1); NAKAHARA SOTARO (1); KIMURA KOJI (1); YUI NOBUHIRO (1);
KINNO KOKI (2); KAWAHARA HIROYASU (2)

(1) NEC Corp.; (2) NECAishimaikonshisutemu

NEC Giho(NEC Technical Journal), 1995, VOL.48,NO.3, PAGE.66-70, FIG.6,
TBL.3, REF.1

JOURNAL NUMBER: G0475BAB ISSN.NO: 0285-4139

UNIVERSAL DECIMAL CLASSIFICATION: 621.382.2/.3.049.77

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Commentary

MEDIA TYPE: Printed Publication

ABSTRACT: NEC has developed an ECL/CMOS mixed type, multi-interface gate
array named BiCMOS-8. The BiCMOS-8 consists of two master slices,
.MU.PD67804 and .MU.PD67852. The .MU.PD67804 can integrate 166k gates
and 320 signals simultaneously. On the other hand, the .MU.PD67852
realized ECL/CMOS mixed array with a level converter area. Each master

slice supports ECL-10KH, LVTTTL and GTL interface. Internal ECL circuits achieved a very high toggle frequency of 800MHz. By using bipolar cells in a CMOS area, TAA=8ns(256 word*8bit: max) RAM macro has been obtained. This paper describes the **product** features, **key** technologies and applications of the BiCMOS-8. (author abst.)
DESCRIPTORS: BiCMOS; ECL; MOS integrated circuit; CMOS structure; gate array; new product; consumed electric power; cell structure; DC power source
BROADER DESCRIPTORS: semiconductor integrated circuit; integrated circuit; micro circuit; digital integrated circuit; bipolar integrated circuit; MOS structure; device structure; ASIC; product; electric power; metal structure(microstructure); organization; structure; electric power source equipment; equipment
CLASSIFICATION CODE(S): NC03162T

17/5/8 (Item 1 from file: 99)
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs
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1118847 H.W. WILSON RECORD NUMBER: BAST93050993
Seal of approval program for radio and television
Bulletin of the American Meteorological Society v. 74 (Aug. '93) p. 1560-71
DOCUMENT TYPE: Feature Article ISSN: 0003-0007 LANGUAGE: English
RECORD STATUS: New record

ABSTRACT: A review of the American Meteorological Society Seal of Approval program for radio and television weather **programs** is presented. The goal of this **program** is to continuously **upgrade** radio and television weather **programs**. Specific topics addressed include the program in 1993, applications for the program, selection of an evaluating committee, submission of evaluation materials, the grading process, notification of successful applicants, miscellaneous information on applying for and renewing seals, and suspension or revocation of seals. A number of relevant lists are provided: an alphabetical listing of active radio Seal of Approval holders, a list of radio Seal holders by **certificate number**, an alphabetical listing of active television Seal of Approval holders, and a list of television Seal holders by **certificate number**.

DESCRIPTORS: Radio broadcasting--Weather forecasts; Television programs--Weather forecasts;

17/5/9 (Item 1 from file: 95)
DIALOG(R)File 95:TEME-Technology & Management
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01544517 20010900794
Windows-XP-Codes hacktiviert. Sicherheitsvorkehrungen von Windows XP durchschaut
Kaden, J
PC Magazin, Poing, v32A, n10, pp42-44, 2001
Document type: journal article Language: German
Record type: Abstract
ISSN 1443 2919

ABSTRACT:
Bevor man das Betriebssystem MS Windows XP nutzen kann, muss man eine Produktaktivierung durchfuehren. Eine 50-stellige Nummer ('Installation ID') wird automatisch bestimmt. Sie setzt sich aus der Produkt-Kennung ('**Product Key** ') und 10 Hardware-Parametern des PCs zusammen. Aus der 'Installation ID' bestimmt eine Zentrale eine 'Certification ID', die man zur Aktivierung eintippt. Die 'Fully Licensed GmbH' hat ein Software-Tool namens xpdec.exe ins Internet gestellt, die die 'Installation ID' analysiert. Die Informationen fuer die 'Installation ID' werden in einer

Datei wpa.dbf gespeichert, moeglicherweise kann man die Produktaktivierung durch Kopieren der Datei umgehen. 'Filemon.exe' macht sichtbar, welche Programme an Lese- und Schreiboperationen auf einem Verzeichnis, z. B. C:\Windows und seinen Unterverzeichnissen, beteiligt sind. Hacker haben eine Version von Windows XP RC2 veroeffentlicht, in der die Produktaktivierung deaktiviert ist. Microsoft hat eine Verfeinerung der Aktivierungs-Prozedur angekuendigt.

DESCRIPTORS: ACCESS CONTROL; OPERATING SYSTEM--COMPUTERS; COMPUTER CRIME;
UTILITIES--UTILITY **PROGRAMS** ; KEY; COMPUTER **INSTALLATION**
IDENTIFIERS: MS WINDOWS XP; PRODUKT AKTIVIERUNG; MS-Windows-XP;
Produkt-Aktivierung

17/5/10 (Item 1 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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00147918
TITLE: 'Windows with locks' headaches
WORLD: NEW ID TECHNOLOGY FOR WINDOWS
Computer Weekly (CRW) 18 Jan 2001 p.3
Language: ENGLISH

Microsoft will introduce Product Activation technology for Windows 2000, which will involve Microsoft checking the configuration of a corporate user's computer before issuing a **product key**. The process is likely to be problematic for companies, especially if there is a change of configuration and **reinstallation of software**.

COMPANY: MICROSOFT

PRODUCT: Computer & Data Security Software (7372CD);
EVENT: Product Design & Development (33);
COUNTRY: General Worldwide (0W);

17/5/11 (Item 2 from file: 583)
DIALOG(R)File 583:Gale Group Globalbase(TM)
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06572383
MS-Office98 for Macs
SINGAPORE: MS-OFFICE 98
Business Times (XBA) 19 Jan 1998 P.13
Language: ENGLISH

Microsoft Office 98 will be put on the Singapore market for Macintosh users in March 1998 at S\$ 429 for an **upgrade** or otherwise at S\$ 749. The **software**, which enables users to apply Web functionality in the applications, requires 16 MB RAM, 120 MB and a Mac running at no less than 120 MHz with Mac OS 7.5 or higher. Besides the features of IE4 browser and the Outlook Express, the **product** supports **key** Apple technologies.

COMPANY: APPLE; MICROSOFT

EVENT: Product Design & Development (33);
COUNTRY: Singapore (9SIN);

17/5/12 (Item 1 from file: 256)
DIALOG(R)File 256:TecInfoSource
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00137415 DOCUMENT TYPE: Review

PRODUCT NAMES: XSentry Firewall 1.6 (102474)

TITLE: XSentry Firewall

AUTHOR: Hinton, Craig

SOURCE: SC Infosecurity News Magazine, v13 n2 p44(1) Feb 2002

ISSN: 1096-7974

HOME PAGE: <http://www.infosecnews.com>

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: A

Trustix's XSentry 1.6 Firewall, an excellent firewall, is a powerful product with an easily configured graphical user interface (GUI) that may help head off misconfigurations. Trustix wants to prevent leaky firewalls that result from an ill-suited console-style administration front end that may be too complicated and unintuitive. XSentry Firewall 1.6 provides a server installation procedure with the software-only version and is based on Trustix Secure Linux, which has a very similar installation. XSentry is available in two-, three-, and four-zone flavors, but most small companies will find the two-zone version adequate. However, larger companies may choose to partition their network into three or four zones and to include any other network resources, including mail servers and Web services, which are assigned a different level of protection. Many steps are automatic, and even if manual drive partitioning is chosen, users can use Disk Druid, an application widely used by Linux users. After the Linux Loader is installed, disk formatting and package installation occurs. The user then validates the license key. To access the Trustix Web site, generate the license key, and activate firewall functions, the user enters the eTicket supplied when the product was purchased. XSentry 1.6 Firewall also provides excellent support for mobile users, including connectivity through an encrypted tunnel.

PRICE: \$780

COMPANY NAME: Comodo Inc (723894)

SPECIAL FEATURE: Charts Screen Layouts

DESCRIPTORS: Computer Security; Firewalls; Internet Security;
Internetworking; Network Administration; Network Software; System
Monitoring

REVISION DATE: 20040530

17/5/13 (Item 2 from file: 256)

DIALOG(R) File 256:TecInfoSource

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00136389 DOCUMENT TYPE: Review

PRODUCT NAMES: Microsoft Windows XP (043281)

TITLE: The rumor mill: Windows XP has already generated some urban legends

AUTHOR: DeRouen, Joe

SOURCE: ComputerUser, v20 n1 p40(1) Jan 2002

ISSN: 1087-481X

HOME PAGE: <http://www.computeruser.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Many rumors are floating around about Microsoft Windows XP, including one that alleges that a product key for a Windows XP installation will only work once. While there is some truth to this, it is not as bad as it

sounds. Another rumor is that Windows XP will not run old DOS programs. XP, unlike previous versions of Windows, does not have an actual copy of the MS-DOS OS as its foundation architecture. This makes a system more stable, but can make it difficult for people still running DOS programs. Windows XP does emulate DOS, giving it the ability to run some DOS programs within a Window. Some people have heard that Windows XP makes it possible for Microsoft to spy on users through the software. The feature that may have started this rumor is XP's ability to automatically update itself through an open Internet connection. If a person does not like this idea, he can turn the feature off.

COMPANY NAME: Microsoft Corp (112127)
DESCRIPTORS: IBM PC & Compatibles; Operating Systems; Windows XP
REVISION DATE: 20030130

17/5/14 (Item 3 from file: 256)
DIALOG(R) File 256:TecInfoSource
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00130238 DOCUMENT TYPE: Review

PRODUCT NAMES: Software Marketing (833959); Copyrights (836125)

TITLE: When License Keys Attack: Security software vendors should have...

AUTHOR: Shipley, Greg

SOURCE: Network Computing, v12 n8 p51(1) Apr 16, 2001

ISSN: 1046-4468

HOME PAGE: <http://www.NetworkComputing.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

Software key cutting has been around for a while for copy protection and to guard against copyright infringement, but key cutting has introduced many nightmares to security. When a **license key** has expired, a security product can stop working. In one incident, during an off-hour **installation** of Check Point's FireWall-1 **software**, the **license key** expired and the licensing center was down for the weekend. Then, intrusion detection outages began to happen. While very few things could get past the IDS array, the about-to-expire **license keys** did. ISS RealSecure was the first IDS to go, with the console refusing to attach to the intrusion-detection sensor because of an expired key. Then CyberSafe Centrax, Enterasys Dragon, and Axent's NetProwler keys expired; all of them refused to monitor the network. This happened during off-hours, leaving the network vulnerable.

File 347:JAPIO Nov 1976-2005/Feb(Updated 050606)

(c) 2005 JPO & JAPIO

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200548

(c) 2005 Thomson Derwent

Set	Items	Description
S1	328	(CD OR COMPACT() (DISK OR DISC) OR PRODUCT OR LICENSE) (1W) KEY? ? OR CERTIFICATE()NUMBER? ?
S2	169388	(STOR??? OR SAV??? OR MAINTAIN??? OR KEEP??? OR KEPT) (7N) (- KEY OR NUMBER OR CODE OR ID OR IDENTIFICATION OR IDENTIFIER)
S3	19414	(REINSTALL? OR RECOVER??? OR RESTOR? OR INSTALL? OR UPGRAD- ???) (7N) (APPLICATION? ? OR SOFTWARE OR PROGRAM? ? OR FILE? ? - OR OS OR OPERATING()SYSTEM? ? OR WINDOWS OR OS()X OR SYSTEM()- (7 OR 8 OR 9))
S4	829	(ORIGINAL OR FACTORY OR DEFAULT OR MANUFACTURER OR BEGINNI- NG) (2W) (SETTINGS OR CONFIGURATION OR PROFILE)
S5	118	CLEAN(1W) INSTALL?
S6	259793	(ENTER??? OR ENTRY OR INPUT??? OR INSERT??? OR FILL??? OR - PUT? ? OR PUTTING OR TYP??? OR PLUG????) (10N) (KEY OR NUMBER OR CODE OR ID OR IDENTIFICATION OR IDENTIFIER)
S7	4237	S6 (5N) (AUTOMATIC? OR TRANSPARENT? OR DYNAMIC?)
S8	29578	CMOS
S9	4	S1 AND S2 AND S3:S5 AND S6
S10	1	S1 (20N) S8
S11	1	S1 AND S7
S12	37	S1 AND S3:S5
S13	14	S12 AND (S2 OR S6)
S14	15	S9:S11 OR S13

14/5/1 (Item 1 from file: 347)
DIALOG(R) File 347:JAPIO
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08039116 **Image available**
CERTIFICATE OUTPUT DEVICE, CERTIFICATE OUTPUT SYSTEM, AND PROGRAM

PUB. NO.: 2004-151875 [JP 2004151875 A]
PUBLISHED: May 27, 2004 (20040527)
INVENTOR(s): UCHIDA NAOTO
HATANAKA MAKOTO
APPLICANT(s): MITSUI SUMITOMO INSURANCE CO LTD
APPL. NO.: 2002-314810 [JP 2002314810]
FILED: October 29, 2002 (20021029)
INTL CLASS: G06F-017/60; G06F-001/00; G06F-012/14

ABSTRACT

PROBLEM TO BE SOLVED: To prevent double issue of certificates carrying the same certificate number even when certificate data in a certificate outputting device outputting a compulsory automobile liability insurance certificate are copied to another certificate output device.

SOLUTION: This certificate output device is provided with an input receiving part receiving input of a license key showing a right for installation and a setting code in every installation, a completion key generating part generating a completion key showing normal completion of installation in a key folder different from a folder to which a program is installed when a result, which is obtained by converting one of the license key and the setting code according to an unreleased method, matches a result obtained by converting the other, and an output part confirming presence of the completion key and outputting the certificate number while applying it to the certificate according to a predetermined issue order by request for output of the certificate. The output part outputs a message representing that issue of the certificate is forbidden if the presence of the completion key cannot be confirmed.

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14/5/2 (Item 2 from file: 347)
DIALOG(R) File 347:JAPIO
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08022566 **Image available**
AUTHENTICATION SERVER, AUTHENTICATION METHOD, AUTHENTICATION REQUESTING TERMINAL, AND AUTHENTICATION REQUESTING PROGRAM

PUB. NO.: 2004-135325 [JP 2004135325 A]
PUBLISHED: April 30, 2004 (20040430)
INVENTOR(s): HANDA YUTAKA
APPLICANT(s): TOSHIBA CORP
APPL. NO.: 2003-328597 [JP 2003328597]
FILED: September 19, 2003 (20030919)
PRIORITY: 2002-276097 [JP 2002276097], JP (Japan), September 20, 2002 (20020920)
INTL CLASS: H04L-009/32; G06F-001/00; G06F-015/00; G06F-017/60; G09C-001/00; H04L-009/08

ABSTRACT

PROBLEM TO BE SOLVED: To provide an authentication server that prevents an unauthorized use of an application and can use the application on a plurality of apparatuses.

SOLUTION: The authentication server 1 comprises a trial use start

authenticating means 112 for authenticating validity of an application at a request made from a user terminal 3a when the user terminal 3a is started for a trial use of the application which is already installed, then issuing and transmitting a key is assigned to each apparatus of the user terminal for identifying the apparatus to the user terminal 3a, and allowing the start of its trial use; and an use authenticating means 113 for receiving a license key and an apparatus identifying key from the user terminal 3a after the license key is registered to register them in a authentication key storing device 102 and to authenticate the use of the application.

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14/5/3 (Item 3 from file: 347)
DIALOG(R) File 347: JAPIO
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07973645 **Image available**
SOFTWARE LICENSE AUTHENTICATION SYSTEM

PUB. NO.: 2004-086404 [JP 2004086404 A]
PUBLISHED: March 18, 2004 (20040318)
INVENTOR(s): FUKAZAWA TOMOHIRO
SUNAGA SHINICHI
APPLICANT(s): YOKOGAWA ELECTRIC CORP
APPL. NO.: 2002-244633 [JP 2002244633]
FILED: August 26, 2002 (20020826)
INTL CLASS: G06F-001/00; G06F-017/60; H04L-009/32

ABSTRACT

PROBLEM TO BE SOLVED: To realize a stand-alone type software license authentication system which authenticate a license at a time point other than installation.

SOLUTION: The software license authentication system is provided with a computer, in which a main function module, that is, the main body function of software and an authentication module, which stores a license key in advance generated based on a unique identification value, generates a license key for collation based on the identification value at a time of the startup of the software, collates the former license key with the latter and controls the operation of the main function module, are installed.

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14/5/4 (Item 4 from file: 347)
DIALOG(R) File 347: JAPIO
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03837885 **Image available**
SIGNAL INPUTTING DEVICE FOR ELECTRONIC KEY

PUB. NO.: 04-202985 [JP 4202985 A]
PUBLISHED: July 23, 1992 (19920723)
INVENTOR(s): YONEDE TATSUO
APPLICANT(s): YONEDE TATSUO [000000] (An Individual), JP (Japan)
APPL. NO.: 02-336294 [JP 90336294]
FILED: November 29, 1990 (19901129)
INTL CLASS: [5] E05B-049/00; E05B-065/20; G06F-003/02
JAPIO CLASS: 31.9 (PACKAGING -- Other); 45.3 (INFORMATION PROCESSING -- Input Output Units)
JAPIO KEYWORD: R108 (INFORMATION PROCESSING -- Speech Recognition &

Synthesis)
JOURNAL: Section: M, Section No. 1336; Vol. 16, No. 541, Pg. 82,
November 11, 1992 (19921111)

ABSTRACT

PURPOSE: To unlock a door by simple operation by voice-inputting a secret certificate number, set with the number of a unit's place of 0-9, in an indicator at suitable time intervals via a microphone, and making the secret certificate number an unlocking secret certificate number for a locking mechanism.

CONSTITUTION: A signal inputting device is formed with a microphone 1, indicator 2, LED 3, and lead wire 5, is housed in a main body 4, and is arranged on an inner wall of a desired structure. When three-time continuous voices are inputted within about 0.5 second in the microphone 1 by turning a switch on, the LED 3 too is lit three times to inform input finishing. Also the switch becomes an ON condition and a displayed number 0-9 on the indicator 2 is automatically changed unless voices are inputted successively for about three seconds. Then a secret certificate number is set, and is voice-inputted in the microphone 1 to be made a unlocking secret certificate number for a locking mechanism. This enables unlocking from outside a vehicle even a key is left within a vehicle.

14/5/5 (Item 1 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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017059729 **Image available**
WPI Acc No: 2005-384054/200539
Related WPI Acc No: 2002-096618; 2002-414498
XRPX Acc No: N05-311364

Software installation method in computer system, involves installing software in computer system and activating code for prompting input of license key at later time, if input license key is not correct

Patent Assignee: EYRES K W (EYRE-I); LEE M H (LEEM-I)

Inventor: EYRES K W; LEE M H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20050102664	A1	20050512	US 9833257	A	19980302	200539 B
			US 2001994174	A	20011126	
			US 2003642900	A	20030818	

Priority Applications (No Type Date): US 9833257 A 19980302; US 2001994174 A 20011126; US 2003642900 A 20030818

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20050102664	A1	15	G06F-009/445	Cont of application US 9833257
				Cont of application US 2001994174
				Cont of patent US 6324649
				Cont of patent US 6615359

Abstract (Basic): US 20050102664 A1

NOVELTY - The method involves determining whether input license key is correct or not. The software is installed in computer system and license key is stored, if input key is correct. The software is installed in computer system and the code for prompting input of license key at later time is activated, if input key is not correct.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) software installation system; and

(2) article comprising computer readable medium storing software installation program .

USE - For installing software in computer system used for domestic and business application.

ADVANTAGE - Allows pre- installation of software in computer system without license key .

DESCRIPTION OF DRAWING(S) - The figures show the flowcharts explaining the software installation process.

pp; 15 DwgNo 3A, 3B/9

Title Terms: SOFTWARE; INSTALLATION; METHOD; COMPUTER; SYSTEM; INSTALLATION ; SOFTWARE; COMPUTER; SYSTEM; ACTIVATE; CODE; PROMPT; INPUT; LICENCE; KEY ; LATE; TIME; INPUT; LICENCE; KEY; CORRECT

Derwent Class: T01

International Patent Class (Main): G06F-009/445

File Segment: EPI

14/5/6 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015768146 **Image available**

WPI Acc No: 2003-830348/200377

XRPX Acc No: N03-663453

Embedded software usage limiting method in microcontroller systems, involves accessing key entry licensed for execution on microcontroller, based on which usage of program in ROM is limited

Patent Assignee: FREDERICK J R (FRED-I); LAMOTHE B P (LAMO-I);

SCHWARTZENBURG I J (SCHW-I); WILLETT D S (WILL-I)

Inventor: FREDERICK J R; LAMOTHE B P; SCHWARTZENBURG I J; WILLETT D S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030163712	A1	20030828	US 200285298	A	20020228	200377 B

Priority Applications (No Type Date): US 200285298 A 20020228

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030163712	A1	14	H04L-009/00	

Abstract (Basic): US 20030163712 A1

NOVELTY - A key entry identifying programs on flash ROM (14) licensed for execution on a microcontroller (10), is accessed. The use of the programs stored in ROM (12) is limited, based on the key entry on the flash ROM.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) system of limiting usage of embedded software;
- (2) gas flow measurement computer;
- (3) method of manufacturing integrated functionality control system;

- (4) method of managing software licensing; and

- (5) method of upgrading software licenses

USE - For limiting usage of software embedded in microcontroller or microprocessor control systems having integrated functionality of flow computer used for calculating natural gas flow, steam flow, water flow, air or other gaseous substance flow in chemical processing plant, release right to use (RTU) and programmable logic controller (PLC).

ADVANTAGE - Since the use of software is selectively limited, the end user cannot copy programs without the knowledge or consent of the vendor.

DESCRIPTION OF DRAWING(S) - The figure shows a block diagram of the microcontroller-based integrated control system.

microcontroller (10)

ROM (12)

flash ROM (14)
license keys (16,18)
serial peripheral interface bus (20)
pp; 14 DwgNo 1/7
Title Terms: EMBED; SOFTWARE; LIMIT; METHOD; SYSTEM; ACCESS; KEY; ENTER;
EXECUTE; BASED; PROGRAM; ROM; LIMIT
Derwent Class: T01; U14
International Patent Class (Main): H04L-009/00
File Segment: EPI

14/5/7 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015696303 **Image available**
WPI Acc No: 2003-758496/200372
XRPX Acc No: N03-607822

Computer program product for controlling use of computer program, has
product update program for adding licensing control mechanism to computer
operating program installed on computer

Patent Assignee: NETWORKS ASSOC TECHNOLOGY INC (NETW-N); GARTSIDE P N
GARTSIDE, HARRIS M (HARR-I)

INVENTOR: GARTSIDE P N; HARRIS M

Number of Communities: 032 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1351111	A2	20031008	EP 2003251472	A	20030310	200372 B
US 20030191958	A1	20031009	US 2002115021	A	20020404	200374

Priority Applications (No Type Date): US 2002115021 A 20020404

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 1351111 A2 E 11 G06F-001/00

Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB

GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

US 20030191958 A1 G06F-011/30

Abstract (Basic): EP 1351111 A2

NOVELTY - A program update program adds a licensing control
mechanism to computer program installed on a computer so that the
licensing control mechanism indicates that the computer program is
licensed in response to license key data entered by user.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
following:

(1) method of controlling use of computer program installed on
computer; and

(2) apparatus for controlling use of computer program installed
on computer.

USE - For controlling use of computer program installed on
computer.

ADVANTAGE - The effectiveness of licensing control mechanism is
improved.

DESCRIPTION OF DRAWING(S) - The figure shows a flow diagram
illustrating the installation of a product update.

pp; 11 DwgNo 2/5

Title Terms: COMPUTER; PROGRAM; PRODUCT; CONTROL; COMPUTER; PROGRAM;
PRODUCT; UPDATE; PROGRAM; ADD; CONTROL; MECHANISM; COMPUTER; OPERATE;
PROGRAM; INSTALLATION; COMPUTER

Derwent Class: T01

International Patent Class (Main): G06F-001/00; G06F-011/30

File Segment: EPI

14/5/8 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX
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015644890 **Image available**
WPI Acc No: 2003-707073/200367
Related WPI Acc No: 2000-037337; 2004-190794
XRPX Acc No: N03-564793

**Unauthorized software usage control method in electronic data system,
involves verifying relation between generated user key and group
identifying information to determine access level to protected software**

Patent Assignee: CREATH P J (CREA-I); HICKS C B (HICK-I)

Inventor: CREATH P J; HICKS C B

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6567793	B1	20030520	US 97995555	A	19971222	200367 B
			US 99427014	A	19991025	

Priority Applications (No Type Date): US 99427014 A 19991025; US 97995555 A

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6567793	B1	29	G06F-017/60	CIP of application US 97995555 CIP of patent US 5982892

Abstract (Basic): US 6567793 B1

NOVELTY - A protected software is combined with a verification key and a **product key** generator, for distribution to a user within a group. A group identifying information **input** to a user **key** generator, is converted into numeric representation to generate a user key. The user key is provided to user terminal for verifying relation between user key and group identifying information, to determine access level to the protected software.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a system for controlling unauthorized usage of distributed protected software.

USE - For controlling unauthorized usage of protected software e.g. compressed documentation, distributed by software vendor to group of users in electronic data system using cryptographic authentication. Also applicable for controlling unauthorized usage of software distributed through compact disk read only memory (CD-ROM).

ADVANTAGE - Since the relation between generated user key and group identifying information is verified, the validity of the user key and the digital signature on licensing information is determined, thus the unauthorized usage of the distributed **software** is effectively prevented during distribution and **installation**.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the protected software distribution system.

pp; 29 DwgNo 1/10

Title Terms: UNAUTHORISED; SOFTWARE; CONTROL; METHOD; ELECTRONIC; DATA; SYSTEM; VERIFICATION; RELATED; GENERATE; USER; KEY; GROUP; IDENTIFY; INFORMATION; DETERMINE; ACCESS; LEVEL; PROTECT; SOFTWARE

Derwent Class: T01; T03

International Patent Class (Main): G06F-017/60

File Segment: EPI

14/5/9 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
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015104282 **Image available**
WPI Acc No: 2003-164799/200316

Device and method for preventing illegal product user from connecting to game server

Patent Assignee: TWIMNET (TWIM-N)

Inventor: CHOI G Y

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002075695	A	20021005	KR 200116081	A	20010327	200316 B

Priority Applications (No Type Date): KR 200116081 A 20010327

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2002075695	A		1 G06F-015/00	

Abstract (Basic): KR 2002075695 A

NOVELTY - A device and a method for preventing an illegal product user from connecting to a game server are provided to prevent the overload of the game server due to the illegal product user by interrupting the connection of the illegal product user.

DETAILED DESCRIPTION - The user executes the legal CD on a user computer(S201). A program embedded in the CD requests the first CD - key to the user and the user inputs the first CD - key (S202). The program judges the legality of the number inputted by the user(S203). If the number is correct, a game installation program is executed(S205). When the user tries to connect to the game server, the server requests the first CD - key to the game client program and requests the CPU ID to the CPU of the user computer(S207). If the first CD - key is equal to the CD - Key stored in a CD - key database of the server, the server compares the CUP ID of the user computer with the initially set CPU ID(S208). The server requests the second CD - key to the user(S209). The server compares the transmitted CD - key pair with the CD - key pair stored in the CD - key database(S211). If the CD - key pair is same, the sever permits the user to connect to the user(S212).

pp; 1 DwgNo 1/10

Title Terms: DEVICE; METHOD; PREVENT; ILLEGAL; PRODUCT; USER; CONNECT; GAME ; SERVE

Derwent Class: T01

International Patent Class (Main): G06F-015/00

File Segment: EPI

14/5/10 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014900653 **Image available**

WPI Acc No: 2002-721359/200278

Off-line payment system through on-line certification of gift certificate number

Patent Assignee: DNS CO LTD (DNSD-N)

Inventor: JANG S U

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002042553	A	20020605	KR 200219353	A	20020410	200278 B

Priority Applications (No Type Date): KR 200219353 A 20020410

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2002042553	A		1 G06F-017/60	

Abstract (Basic): KR 2002042553 A

NOVELTY - An off-line payment system through the on-line certification of a gift certificate number is uses a gift certificate on the off-line like an existing gift certificate by receiving the certification through a simpler procedure than electronic

money on-line.

DETAILED DESCRIPTION - A gift certificate exclusive program is installed onto an affiliated PC room server (20) and client (10). If the program is operated, an input window for the gift certificate number is displayed on a screen of the PC room client and a window displaying the certificate number is displayed on the screen of the PC room server. If the PC room transmits the payment price information to a gift certificate issuer server (30) by inputting the payment price to the gift certificate issuer server through the on-line, the payment price is subtracted from the remainder of the gift certificate.

pp; 1 DwgNo 1/10

Title Terms: LINE; PAY; SYSTEM; THROUGH; LINE; CERTIFY; GIFT; CERTIFY; NUMBER

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

14/5/11 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014697747 **Image available**

WPI Acc No: 2002-518451/200255

XRFX Acc No: N02-410339

Computer system has operating system installation program to read product key of operating system program, if product keys from system program and memory are identical

Patent Assignee: SAMSUNG ELECTRONICS CO LTD (SMSU); YOO C (YOOC-I)

Inventor: YOO C U; YOO C W; YOO C

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020059570	A1	20020516	US 2001836333	A	20010418	200255 B
KR 2002010196	A	20020204	KR 200043479	A	20000727	200255
KR 381416	B	20030423	KR 200043479	A	20000727	200355

Priority Applications (No Type Date): KR 200043479 A 20000727

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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US 20020059570	A1	12	G06F-009/455	
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KR 2002010196	A		G06F-009/00	
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KR 381416	B		G06F-009/00	Previous Publ. patent KR 2002010196
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Abstract (Basic): US 20020059570 A1

NOVELTY - A memory stores a product key of an operating system program according to a program stored in a hard disk drive. A OS installation stored in a memory for reinstalling the system program reads the key, if the key from the installation program and a product key in the memory are identical.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Operating system program product key storage method; and
- (2) Operating system program product key reinstallation method.

USE - Computer system with operation system program reinstallation function.

ADVANTAGE - The authenticity of the product is automatically provided by the product key. By the OS installation program, reinstallation of the OS program is performed easily.

DESCRIPTION OF DRAWING(S) - The figure shows a flowchart explaining the storing product key of the OS program.

pp; 12 DwgNo 5/6

Title Terms: COMPUTER; SYSTEM; OPERATE; SYSTEM; INSTALLATION; PROGRAM; READ ; PRODUCT; KEY; OPERATE; SYSTEM; PROGRAM; PRODUCT; KEY; SYSTEM; PROGRAM;

MEMORY; IDENTICAL
Derwent Class: T01
International Patent Class (Main): G06F-009/00; G06F-009/455
File Segment: EPI

14/5/12 (Item 8 from file: 350)
DIALOG(R) File 350:Derwent WPIX
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014697058 **Image available**
WPI Acc No: 2002-517762/200255
XRPX Acc No: N02-409695

Multi-agent cryptographic key recovery apparatus for data encryption system, requests key information from key recovery agents, when all agents in one of key recovery agent subsets are determined to be available.

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)
Inventor: CHANDERSEKARAN S; MALIK S; MURESAN M; VASUDEVAN N
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6396929	B1	20020528	US 98224892	A	19981231	200255 B

Priority Applications (No Type Date): US 98224892 A 19981231

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6396929	B1		21	H04L-009/30	

Abstract (Basic): US 6396929 B1

NOVELTY - A receiver receives a key recovery block having several key recovery agent subsets and a validation field value to verify tamperproof protection of key recovery block. A determining unit determines the availability of the agents in one of the subsets. A requesting unit requests the key information from the agents, when all the agents in one of the subsets are determined to be available.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Key recovery block generation apparatus;
- (2) Key recovery method;
- (3) Key recovery block generation method;
- (4) Computer program product for key recovery ; and
- (5) Key recovery block.

USE - For data encryption system in government intelligent agencies and law enforcement agencies. Also for maintaining privacy in electronic communication.

ADVANTAGE - Since many subsets can be specified and verified using validation field type , the chances of the key recovery failure is reduced.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart explaining key recovery service phase.

pp; 21 DwgNo 12/13

Title Terms: MULTI; AGENT; CRYPTOGRAPHIC; KEY; RECOVER; APPARATUS; DATA; ENCRYPTION; SYSTEM; REQUEST; KEY; INFORMATION; KEY; RECOVER; AGENT; AGENT
ONE; KEY; RECOVER; AGENT; SUBSET; DETERMINE; AVAILABLE

Derwent Class: T01; W01
International Patent Class (Main): H04L-009/30
File Segment: EPI

14/5/13 (Item 9 from file: 350)
DIALOG(R) File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

014275916 **Image available**

WPI Acc No: 2002-096618/200213
Related WPI Acc No: 2002-414498; 2005-384054
XRPX Acc No: N02-071323

Computer system ceases execution of software when proper key is not entered during execution of software

Patent Assignee: COMPAQ COMPUTER CORP (COPQ)

Inventor: EYRES K W; LEE M H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6324649	B1	20011127	US 9833257	A	19980302	200213 B

Priority Applications (No Type Date): US 9833257 A 19980302

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6324649	B1	15	G06F-011/30	

Abstract (Basic): US 6324649 B1

NOVELTY - The processor executes software code, when CD-ROM is installed. A user discernable prompt requesting key entry is output, if key is not stored during execution. The software is executed after storing the key, when proper key is entered. The prompt for requesting key entry is output, when the key is not stored during software execution. The execution is ceased, when proper key is not entered.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for stored software implementing described system.

USE - Computer system for modifying software to allow for license key to be entered after the installation of software but before its execution.

ADVANTAGE - The computer system manufacturer can install software application, relieving the end user from software installation task.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart explaining software application execution.

pp; 15 DwgNo 5/9

Title Terms: COMPUTER; SYSTEM; CEASE; EXECUTE; SOFTWARE; PROPER; KEY; ENTER; EXECUTE; SOFTWARE

Derwent Class: T01

International Patent Class (Main): G06F-011/30

International Patent Class (Additional): H04L-009/00

File Segment: EPI

14/5/14 (Item 10 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2005 Thomson Derwent. All rts. reserv.

0112-2979 **Image available**

WPI Acc No: 2002-073679/200210

Method for preventing illegal copy of software and license using e-mail address

Patent Assignee: HONG D S (HONG-I)

Inventor: HONG D S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001074203	A	20010804	KR 200118817	A	20010409	200210 B

Priority Applications (No Type Date): KR 200118817 A 20010409

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2001074203	A	1	G06F-015/00	

Abstract (Basic): KR 2001074203 A

NOVELTY - A method for preventing an illegal copy of a software and a license is provided to prevent an illegal copy by storing a software product number, a CD - key and a user's E-mail ID in a program and transmitting the storing items to a database of a software selling company when the user connects to the Internet.

DETAILED DESCRIPTION - Software is installed (S1). A software product number, a CD - key and user's E-mail ID are sensed and stored (S2). The software product number, the CD - key and the user's E-mail ID are transmitted to a server automatically (S3). It is judged whether the software product number and the CD - key are identified with the sold database (S4). If the software product number and the CD - key are not identified with the sold database, the user is considered to be an illegal user, and the user's ID is stored in a database (S5). If the software product number and the CD - key are identified with the sold database, it is judged whether the received E-mail address is initially displayed (S6). If the received E-mail address is initially displayed, the user is registered as a normal user (S7). If the software product number and the CD - key are identified with the sold database, it is judged whether the received E-mail address is identified with an address stored in the database (S8). If the re-received E-mail address is identified with an E-mail address received initially, the user is registered as a normal user (S9). If the re-received E-mail address is not identified with an E-mail address received initially, the user is considered to be an illegal user, and the user's ID is stored in a database (S10).

pp; 1 DwgNo 1/10

Title Terms: METHOD; PREVENT; ILLEGAL; COPY; SOFTWARE; LICENCE; MAIL; ADDRESS

Derwent Class: T01

International Patent Class (Main): G06F-015/00

File Segment: EPI

14/5/15 (Item 11 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014139050 **Image available**

WPI Acc No: 2001-623261/200172

Computer system and method for automatically inputting product certification code of operating system program in re- installation of operating system program and method thereof

Patent Assignee: SAMSUNG ELECTRONICS CO LTD (SMSU)

Inventor: YOO C U; YOO C W

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001047846	A	20010615	KR 9952232	A	19991123	200172 B
KR 385021	B	20030522	KR 9952232	A	19991123	200360

Priority Applications (No Type Date): KR 9952232 A 19991123

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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KR 2001047846	A		1	G06F-009/06	
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KR 385021	B			G06F-009/06	Previous Publ. patent KR 2001047846
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Abstract (Basic): KR 2001047846 A

NOVELTY - A computer system for automatically inputting a product certification code of an operating system program in a re- installation of the operating system program and a method thereof are provided to embody an installation of an operating system program easily by inputting a product key for confirming a product certification when the operating system program is re- installed.

DETAILED DESCRIPTION - A BIOS ROM(106) stores a BIOS for

controlling for a booting using a restoring CD ROM(160) and a hard disk drive(140) by reading and modifying information written in a CMOS RAM(108). The extendable CMOS RAM(108) stores information written by receiving a power source from an auxiliary power supply. The extendable CMOS RAM(108) compresses and converts and stores a product key inputted from a user by receiving a control from a product key input program. A primary hard disk drive(140) stores the windows 98 operating program and an application program. A secondary hard disk drive(144) copies and stores a restoring program (162) from a CD ROM(160) for restoring . In addition, a CPU(102), a main memory(104), a video controller(112), a display device(110), an input/output controller(114), an IDE controller(116) and an FDD controller(118) are provided.

File 348:EUROPEAN PATENTS 1978-2005/Jul W04

(c) 2005 European Patent Office

File 349:PCT FULLTEXT 1979-2005/UB=20050728,UT=20050721

(c) 2005 WIPO/Univentio

Set	Items	Description
S1	850	(CD OR COMPACT() (DISK OR DISC) OR PRODUCT OR LICENSE) (1W) KEY? ? OR CERTIFICATE()NUMBER? ?
S2	138437	(STOR??? OR SAV??? OR MAINTAIN??? OR KEEP??? OR KEPT) (7N) (- KEY OR NUMBER OR CODE OR ID OR IDENTIFICATION OR IDENTIFIER)
	41623	'REINSTALL? OR RECOVER??? OR RESTOR? OR INSTALL? OR UPGRAD- (?? (7N) (APPLICATION? ? OR SOFTWARE OR PROGRAM? ? OR FILE? ? - OR OS OR OPERATING()SYSTEM? ? OR WINDOWS OR OS()X OR SYSTEM() - (7 OR 8 OR 9))
S4	9424	(ORIGINAL OR FACTORY OR DEFAULT OR MANUFACTURER OR BEGINNI- NG) (2W) (SETTINGS OR CONFIGURATION OR PROFILE)
S5	78	CLEAN(1W)INSTALL?
S6	279435	(ENTER??? OR ENTRY OR INPUT??? OR INSERT??? OR FILL??? OR - PUT? ? OR PUTTING OR TYP??? OR PLUG????) (10N) (KEY OR NUMBER OR CODE OR ID OR IDENTIFICATION OR IDENTIFIER)
S7	5555	S6 (5N) (AUTOMATIC? OR TRANSPARENT? OR DYNAMIC?)
S8	26784	CMOS
S9	19	S1 (50N) S2 (50N) S3: S5 (50N) S6
S10	19	IDPAT (sorted in duplicate/non-duplicate order)
S11	0	S1 (20N) S8
S12	9	S1 (50N) S7
S13	7	S12 NOT S10

10/3,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01907262

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PATENT ASSIGNEE:

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(DE), (Applicant designated States: all)

INVENTOR:

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Hedelfinger Strasse 61, 70327 Stuttgart, (DE)

Vollschwitz, Alexander, Sony Int'l. (Europe) GmbH, Stuttgart Technology
Ctr. Hedelfinger Strasse 61, 70327 Stuttgart, (DE)

LEGAL REPRESENTATIVE:

Korber, Martin, Dipl.-Phys. et al (88323), Mitscherlich & Partner,
Patent- und Rechtsanwälte, Sonnenstrasse 33, 80331 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1538619 A1 050608 (Basic)

APPLICATION (CC, No, Date): EP 2003026637 031119;

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
HU; IE; IT; LI; LU; MC; NL; PT; RO; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK

INTERNATIONAL PATENT CLASS: G11B-020/00; G06F-001/00

ABSTRACT WORD COUNT: 263

NOTE:

Figure number on first page: 3

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200523	1713
SPEC A	(English)	200523	6302
Total word count - document A			8015
Total word count - document B			0
Total word count - documents A + B			8015

...SPECIFICATION which is frequently used with software products:

A software product using product activation automatically generates an individual **product key** based on a serial number of the product and a hardware identifier (e.g. the serial number of a processor used in a personal computer).

This **product key** has to be send via the Internet or by telephone to a service centre which generates an activation **key** based on the **product key** and information **stored** in a central database provided at the service centre.

To run the software product the activation key...

...key becomes invalid since the hardware identifier which was used as a basis to generate the individual **product key** necessarily has changed. In consequence, the activation key which was generated based on the individual **product key** does not longer apply. Thus, each time the software product is installed to a new personal computer or the hardware configuration is significantly changed, a separate activation procedure has to be performed to run the product. Since activation of a software product bearing a certain serial **number** is **stored** in the central data base at the service centre, it can be reliably avoided that a software...

10/3,K/5 (Item 5 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
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01798686

Verbose hardware identification for binding a software package to a computer system having tolerance for hardware changes

Ausführliche Identifizierung von Hardware zur Verbindung der Software mit einem anderungstolerantem Computersystem

Identification verbeux de materiel pour lier des logiciels a un systeme informatique ayant la tolerance pour des changements de materiel

PATENT ASSIGNEE:

MIKROSOFT CORPORATION, (749861), One Microsoft Way, Redmond, Washington
98052-6399, (US), (Applicant designated States: all)

INVENTOR:

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98007, (US)

Gunyakti, Caglar, 440 226th LN NE, Sammamish Washington 98074, (US)

LEGAL REPRESENTATIVE:

Grunecker, Kinkeldey, Stockmair & Schwanhausser Anwaltssozietat (100721)
, Maximilianstrasse 58, 80538 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1469369 A2 041020 (Basic)

EP 1469369 A3 041103

APPLICATION (CC, No, Date): EP 2004004872 040302;

PRIORITY (CC, No, Date): US 378346 030303

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;

HU; IE; IT; LI; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK

INTERNATIONAL PATENT CLASS: G06F-001/00

ABSTRACT WORD COUNT: 48

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	200443	2391
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SPEC A	(English)	200443	6710
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Total word count - document A	9101
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Total word count - document B	0
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Total word count - documents A + B	9101
------------------------------------	------

...SPECIFICATION the software product onto the computer 20 as a program stored in system memory 22.

During a **software product installation**, the customer is typically prompted to **enter** a portion of the software product **identification** (PID) for the software product into computer 20. The PID may be derived, for example, from a **CD key** printed on a label of the shrink-wrap package. The customer enters the PID, which is associated...

...area network (WAN) 52 with a third party, such as an activation authority.

As described above, during **installation** or activation of the **software product**, a verbose hardware identification (VHWID) is also generated using code within the **software product** or triggered by the **installation** of the **software product**. The verbose hardware identification (VHWID) generated by the method of the present invention is associated with the software product **identification** (PID) and **stored** along with the software product **identification** (PID) locally on computer 20 and/or remotely at an accessible location, either on a local area...

10/3,K/9 (Item 9 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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01346482

Program license key issuing method and issuing system
Programmlizenzschlüsselausgabe-Verfahren und Ausgabe- System
Methode et systeme d'emission de cle de license

PATENT ASSIGNEE:

Hitachi, Ltd., (204145), 6 Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo
101-8010, (JP), (Applicant designated States: all)

INVENTOR:

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Honma, Hisao, c/o Hitachi, Ltd., Int. Prop. Group, New Marunouchi Bldg.,
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Kogai, Makoto, c/o Hitachi, Ltd., Int. Prop. Group, New Marunouchi Bldg.,
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Strehl Schubel-Hopf & Partner (100941), Maximilianstrasse 54, 80538
Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1150196 A2 011031 (Basic)

APPLICATION (CC, No, Date): EP 2001109049 010411;

PRIORITY (CC, No, Date): JP 2000134234 000428

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-001/00

ABSTRACT WORD COUNT: 203

NOTE:

Figure number on first page: 1

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200144	3071
SPEC A	(English)	200144	6971
Total word count - document A			10042
Total word count - document B			0
Total word count - documents A + B			10042

- ...CLAIMS the authentication of the product information, and
a step in which the license issuing computer issues a **license key**
for a program specified by the license program information when the
authentication is normally finished.
7. A data transfer method of a seller computer requesting the issuance of
a **license key** to a license issuing computer in response to a
request from a purchaser computer through a network...
- ...license program information to the license issuing computer,
a step in which the seller computer receives a **license key** from the
license issuing computer, and
a step in which the seller computer transmits the **license key** to the
purchaser computer.
8. A license issuing method of a license issuing computer which is
connected to a network and performs the issuance of a **license key**
for a program **installed** in a data storage system by way of the
network, the license issuing method including:
a step...the authentication of the product information, and
a step in which the license issuing computer issues a **license key**
for a program specified by the license program information when the
authentication is normally finished.
9. A license issuing computer which is connected to a network and
performs the issuance of a **license key** through the network, the
license issuing computer including:
a program which allows the license issuing computer to receive product
number and license program name out of client information, the
product **number** and the license program name which a purchaser
inputs from a seller computer through a network, and

a program which performs the authentication of the product...

10/3,K/10 (Item 10 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
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01314232

REGISTERING DEVICE AND METHOD, INFORMATION PROCESSING DEVICE AND METHOD,
PROVIDING DEVICE AND METHOD, AND PROGRAM STORAGE MEDIUM
REGISTRIERVORRICHTUNG UND -VERFAHREN, INFORMATIONSVERARBEITUNGSVORRICHTUNG
UND -VERFAHREN, BEREITSTELLUNGSVORRICHTUNG UND -VERFAHREN UND
PROGRAMMSPEICHERMEDIUM

DISPOSITIF ET PROCEDE D'ENREGISTREMENT, DISPOSITIF ET PROCEDE DE TRAITEMENT
DE L'INFORMATION, DISPOSITIF ET PROCEDE DE FOURNITURE D'INFORMATIONS,
ET SUPPORT D'ENREGISTREMENT DE PROGRAMMES

PATENT ASSIGNEE:

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INVENTOR:

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Shinagawa-ku, Tokyo 141-0001, (JP)

TAMURA, Yoshihiro, Sony Corporation, 7-35, Kitashinagawa 6-chome,
Shinagawa-ku, Tokyo 141-0001, (JP)

LEGAL REPRESENTATIVE:

Korber, Martin, Dipl.-Phys. et al (88322), Mitscherlich & Partner,
Patent- und Rechtsanwälte, Postfach 33 06 09, 80066 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1209576 A1 020529 (Basic)
WO 200144961 010621

APPLICATION (CC, No, Date): EP 2000979104 001205; WO 2000JP8609 001205

PRIORITY (CC, No, Date): JP 99354465 991214; JP 99354466 991214; JP
99354467 991214

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-015/00; G06F-017/60; G06F-013/00;

H04L-009/32; H04L-009/08; G10K-015/04

ABSTRACT WORD COUNT: 93

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; Japanese

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200222	1700
SPEC A	(English)	200222	17962
Full word count - document A			19662
Total word count - document B			0
Total word count - documents A + B			19662

...SPECIFICATION EMD registration server 3, over the network 2, based on
the URL recorded in a pre-set file, such as a registry, by an
installing program 110 to cause a registration form to be displayed...

...example, the WWW browser 117 may be installed on the personal computer 1, when installing the operating system to the personal computer 1, along with the operating system.

An ID (identification) or a key (authentication key or an encryption key) saved in association with each program when installing a program from a CD-ROM which is an optical disc 42 furnished in association with the portable device...

...device 7-1 or the CD-ROM. The CD key is requested to be input before the program is installed by the installing program 110 from the CD-ROM to the personal computer 1. The CD key, input by the user...

...in a pre-set file recorded on the HDD 21.

When the CD key is input, the installing program 110 reads out a predetermined key set from a key bundle pre-recorded in the CD-ROM...

...processing with the content data base 114.

The personal key MGIK may also be generated by the installing program 110 or the content management program 111 by applying a pre-set hash function to the linking of the MFIK and the MGMK. Similarly, the storage key Rip-SK may also be generated by the installing program 110 or the content management program 111 based on the MGID.

If the content management program 111 is installed twice or more, the end of the processing for key downloading, the key installing program 118 sends the APID to the key server 5. Since the APID is associated with the type of the portable device, such as the...

...key set, made up of the MGID, as an ID of the content management program 111, master key MGMK, a personal key MGIK and the storage key Rip-SK, from the key bundle pre-recorded in the CD-ROM, based on the CD key, to record the read-out...the CD key, recorded in the personal computer 1.

When installing for the second time etc., the installing program 110 updates the application program ID of the content management program 111, that is the APIDOMG)).

The key installing program 118, downloaded by the WWW browser 117 from the installer server 6 and installed, transmits the CD...

...for management of the contents downloaded from the EMD servers 4-1 to 4-4.

Since the key installing program 118 is stored in the inside and is invisible from outside, it is possible with the URL of the key... in the following, the purchasing application program 115-1 need not be distinguished from the purchasing application program 115-2, these are simply termed purchasing application programs 115. If the key installing program 118-1...steps S20, S21 are skipped. The program then moves to step S22.

At step S22, the installing program 110 formulates a shortcut icon for booting the WWW browser 117 on the desktop. At step S23, the installing program 110 generates a URL associated with the EMD installation server 3. In the URL, generated at step S23, the CD key, MGID, latest MGID and APIDOMG)) are set as arguments. At step S24, the installing program 110 records the generated URL in the registry.

At step S25, the installing program 110 displays a dialog box requesting re-booting.

At step S26, the installing program 110 verifies whether or not the re-booting has been selected. If it is verified that the...

...is selected.

If it is verified at step S26 that the re-booting has been selected, the program reverts to step S27 where the installing program 110 executes the re-booting.

At step S28, an operating system, not shown, of the personal computer

...the operating system boots the WWW browser 117.

At step S31, the WWW browser 117 transmits the CD key , MGID, Latest MGID and APIDOMG)), as an argument of the URL, to the EMD registration server 3...

10/3,K/11 (Item 11 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01241774 **Image available**

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DONNEES NUMERIQUES PROTEGEES CONTRE LA COPIE

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200550639 A1 20050602 (WO 0550639)

Application: WO 2004EP8055 20040719 (PCT/WO EP04008055)

Priority Application: EP 200326637 20031119

Designated States:

All protection types applied unless otherwise stated - for applications
2001-1

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO
SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

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Fulltext Availability:

Detailed Description

Detailed Description

... which is frequently used with software products.

A software product using product activation automatically generates an individual **product key** based on a serial number of the product and a hardware identifier (e.g.

the serial number of a processor used in a personal computer) This **product key** has to be send via the Internet or by telephone to a service centre which generates an activation **key** based on the **product key** and information stored in a central database provided at the service centre.

To run the software product the activation **key** has to be input first.

If a software product using this prior art technology is copied to another personal computer, the...

...key becomes invalid since the hardware identifier which was used as a basis to generate the individual **product key** necessarily has changed. In consequence, the activation key which was generated based on the individual product -11,5 key does not longer apply. Thus, each time the **software product** is **installed** to a new personal computer or the hardware configuration is significantly changed, a separate activation procedure has to be performed to run the product. Since activation of a software product bearing a certain serial **number** is **stored** in the central data base at the service centre, it can be reliably avoided that a software...

10/3,K/12 (Item 12 from file: 349)
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ANTI-PIRACY SOFTWARE PROTECTION SYSTEM AND METHOD
PROCEDE ET SYSTEME DE PROTECTION ANTIPIRATAGE POUR LOGICIELS

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200499952 A2-A3 20041118 (WO 0499952)

Application: WO 2004IB2270 20040512 (PCT/WO IB04002270)

Priority Application: US 2003470062, 20030512

Designated States:

(All protection types applied unless otherwise stated - for applications
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO
SE SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 8604

Fulltext Availability:

Detailed Description

Detailed Description

... not complete and will not work as is. In order to obtain the "missing piece" of the **program**, the user must properly register and **install** the product. Thus, as illustrated in Figure 2A, the software product that initially reaches the customer is...

...this missing portion to produce a full executable program for the user 201.

Figure 2B illustrates the **installation** process. In this step, the

client application 106 will initiate registration with the producer server 103. Once a connection with the producer server 103...

...be registered. For registration, the user 201 must enter the registration code (also referred to as a "product key") delivered with the application 202. The installation step illustrated in Figure 2B results in an entirely unique installation, such that the installed software is different for each user, regardless of the type of product being used.

In one embodiment, the product key (registration code) is a random, nonformulaic data string, which is originally generated using an algorithm. The key that is entered by the user is compared to an actual stored key maintained by the producer server. It is not a key that is algorithmically checked. In this manner, security...
...use the same 15 registration code twice.

...the producer server 103 acknowledges that the particular product key exists in the appropriate database and is valid, it will construct and download to the client computer...

10/3,K/14 (Item 14 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01120932 **Image available**

**SYSTEM AND METHOD OF AUTOMATED LICENSING OF AN APPLIANCE OR AN APPLICATION
SYSTEME ET PROCEDE D'ATTRIBUTION AUTOMATIQUE DE LICENCES POUR UN APPAREIL
OU UNE APPLICATION**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200442490 A2-A3 20040521 (WO 0442490)
Application: WO 2003IB4809 20031022 (PCT/WO IB03004809)
Priority Application: US 2002286764 20021104

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD
SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

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Fulltext Availability:

Detailed Description

Detailed Description

... synchronization 61, and verification of the validation key, customer ID and entitlement 62 by comparing the customer ID, validation key and entitlement 58 with previously stored information provided from the software license management infrastructure 14.

Thereafter, the software licensing server 54 performs license key generation and license storage 64 which results in the license key 26 being automatically transmitted to the software licensing client 52 without manual intervention as required in the...

...in response to which the customer obtains the customer ID 23. The license entitlement 23' and customer ID 23 are passed as customer input 56 to the software licensing client 52. The software licensing client 52 thereafter provides automatic appliance or application registration, including the subsequent license synchronizations, process 58.

Additionally, the software licensing client 52 installs the license in the appliance or a host of the application. The module 57 produces the validation...

10/3,K/15 (Item 15 from file: 349)
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00975212 **Image available**

PROGRAM INSTALLATION PROCESS

PROCEDE D'INSTALLATION DE PROGRAMME

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200305144 A2-A3 20030116 (WO 0305144)

Application: WO 2002GB3047 20020701 (PCT/WO GB02003047)

Priority Application: EP 2001305714 20010702; GB 200117053 20010712

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(Protection type is "patent" unless otherwise stated - for applications
prior to 2004)

CA US

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 2911

Fulltext Availability:

Fulltext Description

Detailed Description

... the software the operator of the server first has to receive from the supplier a server application program, for example on a CD-ROM, for installation on the server 12. It also receives a...receives the installation CDROM 15, he installs the CDROM on his user terminal 10. The installation program on ...registration (step 21).

The server 12 initiates a user interface dialog and returns a request for

the **product key** code which the user then supplies (step 22).

From this point the process is automatic - the human configuration file previously installed there. This configuration process first verifies the **product key** previously entered by the user. If this is validated the server 12 sends the configuration file...

...computer to reboot its operating 15 system (e.g. Microsoft Windows' NT or 2000) so that **operating system** will recognise the new driver, but the **installation** process may continue automatically whilst this is going on.

In the next step the **installation program** accesses the server 12 (step ...1 by which the terminal 10 accessed the system. The server 12 also verifies that the **product key** that was entered exists in the database 13, and has not already been registered by another user.

If any of the above tests fail, an error message is displayed. Otherwise, if the **product key** is valid and has not previously been registered, the server

10/3,K/17 (Item 17 from file: 349)
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00861459 **Image available**

A METHOD RELATING TO COPY PROTECTION

PROCEDE RELATIF A LA PROTECTION CONTRE LA COPIE

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200195073 A1 20011213 (WO 0195073)

Application: WO 2001SE1310 20010608 (PCT/WO SE0101310)

Priority Application: SE 20002185 20000608

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AT (utility model) AU AZ BA BB BG BR BY BZ CA CH CN CO CR
CU CZ CZ (utility model) DE DE (utility model) DK DK (utility model) DM
EZ EC EE EE (utility model) ES FI FI (utility model) GB GD GE GH GM HR HU
IL IL IN IS IT KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX
NY NZ PL PT PO RU SD SE SG SI SK SK (utility model) SL TJ TM TR TT TZ
UA UA VZ VN YU ZA ZW
(EP) AF EE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM

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Fulltext Word Count: 8860

Fulltext Availability:

Detailed Description

Detailed Description

... program. This operation removes the key of first type and a new one is generated when the **program** is **reinstalled**. I-t is not possible to have two functional copies and one key.

Another system for purchasing...

...downloads software from a download site or buys it in a local store. The customer installs this **software** on computer 51 and registers 501 the **software** on a site 52 or within an **installation program**. In a database 53 the **software** (which has a unique code) is registered 502. It is possible to conduct a credit check (55) or the seller of the product already has issued a **license key**. The Copy Protection System, CPS, which is also installed on the customer's computer 51 frequently polls 504 the database. The installed **software** communicates 503 with the database so

10/1, K/18 (Item 18 from file: 349)
FILED: File 349: PCT FULLTEXT
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00841005 **Image available**

SOFTWARE LICENSING SYSTEM

SYSTEME DE LICENCE DE LOGICIELS

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Patent and Priority Information (Country, Number, Date):

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Priority Application: US 2000541749 20000403

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 5728

Fulltext Availability:

Detailed Description

Detailed Description

... software to be protected. These licensing enforcement mechanisms are often implemented in software or firmware (computer object **code** that is permanently or semi-permanently **stored** in Read Only Memory (ROM)), and sometimes in computer hardware in the form of peripheral devices that directly attach to computers. Software or firmware implementations typically involve **storing** the **number** of allocated licenses and

identifying information of a given software product, such as product name and version, or product number. In many implementations, the person installing the software is prompted to enter identifying information and/or a license unlocking code that is verified internally by...

...weakness with this approach is that if the license unlocking code is divulged to third parties, the software to be protected can frequently be installed elsewhere and appear to be properly licensed when in actuality violating the license agreement. The illegal proliferation of these license keys or codes can be so rampant that many millions of dollars in revenue are assumed lost by...

...licensing scheme worthless. For example, some software products request a license code, but will function with any entered value, thus negating any ability to exclude unlicensed

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users. Another implementation requires the number of purchased licenses to be entered into a license manager software application, but accepts virtually any number that is entered without verifying that the licenses were actually acquired. In yet another implementation, entry of license information is required to install the protected software product, but the license tracking software can be later disabled, which then allows unlimited unlicensed usage. All...